AES/EPA -004

AES Puerto Rico
PO Box 1890
Guayama, PR 00785
tel 787 866 8117
fax 787 866 8139
www.aespuertorico.com

March 25, 2015

Chief, Multimedia Permits and Compliance Branch
Caribbean Environmental Protection Division
U.S. Environmental Protection Agency, Region 2
City View Plaza II, Suite 7000
48 RD. 165 Km. 1.2
Guaynabo, Puerto Rico 00968-8069

RE: Administrative Order on Consent Docket Number CWA-02-2015-3102 – Compliance with AOC Section VII, ¶71

Dear Jose:

On March 18, 2015 AES Puerto Rico LP ("AES-PR") and the United States Environmental Protection Agency ("EPA") entered into the above referenced Administrative Order on Consent ("AOC"), under which AES-PR is obligated to comply with certain requirements (AOC Section VII, Ordered Provisions). All capitalized terms in this letter shall have the meaning as defined in the AOC.

Under AOC Section VII ¶71, within thirty (30) calendar days of the Effective Date of this Order, Respondent shall prepare and submit the comprehensive site inspection reports pursuant to Part 4.3.2 of the MSGP for the December 19, 2013 comprehensive site inspection.

In compliance with the new AOC requirement, AES-PR hereby submits the required Comprehensive Annual Site Inspection as attachments to this letter.

Please note that AES-PR is submitting these forms five days after signing the AOC, well in advance of the required deadline. We respectfully ask EPA to advise AES-PR promptly, should the agency have any concerns with this submission. Should AES-PR not receive any timely comments from EPA, we will reasonably consider that EPA has agreed that AES-PR has satisfied this requirement of AOC Section VII, ¶71 in full. Should EPA require additional time to review and provide comments back to AES-PR, that review time is of course entirely beyond the control of AES-PR and should be added to the required time frame for AES-PR to comply with this requirement.

Regards,

Manuel Mata
President AES Puerto Rico
Attachments

Administrative Order on Consent
AES Puerto Rico Coal Fired Power Plant
Docket Number CWA-02-2015-3102
NPDES Tracking Number PRU020663

Certification

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Manuel Mata
President AES Puerto Rico

3/25/2015
Date

AES Puerto Rico

2013

Annual Comprehensive Site Inspection Report

"Pursuant to Part 7.2, 4.3, 4.3.2, 4.1.1, 4.1.2 and 3.4 of the MSPG and the Administrative Compliance Order Docket Number CWA-02-2015-3102, Section VII ¶71"

Reporting period

January 1,2013 to December 31, 2013

Contents

1.0 Executive Summary

The following report summarizes the requirements under the Administrative Compliance Order "ACO", Docket Number CWA-02-2015-3102, Section V-71 of the ordered provisions.

The comprehensive annual site inspection report was conducted on December 19, 2013 in the facility of AES Puerto Rico Coal-Fired Power Plant and Marine Cargo Handling Facility, located at:

State Road 3, Km. 142.0
Barrio Jobos
Guayama, Puerto Rico 00784

The comprehensive site inspection was performed by Hector Avila the Environmental Coordinator and member of the stormwater pollution team for AES-PR and Winston Esteves, PE, BCEE, QEP, CHMM, CPESC, CESSWI an independent Environmental Consultant, hired by AES-PR to assist in the site inspection, as well as provide any best practices identified in the industry to ensure that we are continuously meeting our compliance status.

This report summarizes all site findings related to the requirements identified above and it provides its recommendations to improve the program in the facility ensuring continuous compliance status.

2.0 Background, information and areas covered under this inspection

Section 7.2 of our MSGP requires that AES-PR conduct an annual comprehensive site inspection. The annual comprehensive site inspection is intended to be a more in-depth version of the routine facility inspection. Our annual comprehensive site inspection evaluated the condition of control measures, taking into account trends observed in analytic and visual stormwater samples taken during the year, and found during routine inspections.

The inspection that was performed by AES-PR for the 2013 Annual Report covered all areas of our facility affected by the requirements of your industrial stormwater general permit, including all potential stormwater pollutant sources identified in the SWPPP, areas where control measures are used to comply with applicable effluent limits, and areas where spills and leaks have been documented in the three years prior to the annual comprehensive site inspection. In addition, our annual inspection included a review of visual stormwater monitoring data collected each quarter of the previous year and the results of the routine site inspections.

3.0 Reporting and Record keeping "Section 7.0 of the MSGP"

3.1 Annual Report Requirements

As required under section 7.2 of our MSGP, AES-PR is required to submit an annual report to EPA that includes the findings from your Part 4.3 of the MSGP, comprehensive site inspection and any corrective action documentation as required in Part 3.4 of the MSGP. If corrective action is not yet completed at the time of submission of this annual report, you must describe the status of any outstanding corrective action(s). In addition to the information required in Parts 3.4 (Corrective Action Report) of our MSGP and 4.3.2 (Comprehensive Site Inspection Documentation) of our MSGP, AES-PR will include the following information with our annual report:

- Facility name
- NPDES permit tracking number
- Facility physical address
- Contact person name, title, and phone number

As EPA had recommended in Section 7.2 of our MSGP, AES-PR utilized the formatted report using the Annual Reporting Form provided as Appendix I of our MSGP.

4.0 Comprehensive Site Inspections "Section 4.3, 4.3.1 & 4.3.2 of the MSGP"

4.1 Comprehensive Site Inspection Procedures

AES-PR is required to conduct annual comprehensive site inspections while we are covered under the existing ACO in accordance with sections 4.3 of the MSGP. Annual, as defined in this Part, means once during each of the following inspection periods beginning with the period you are authorized to discharge under this permit:

AES-PR is waived from having to perform a comprehensive site inspection for an inspection period, as defined in the ACO, if you obtain authorization to discharge less than three months before the end of that inspection period.

Should our coverage be administratively continued after the expiration date of this permit, AES-PR is required to continue to perform these inspections annually until we are no longer covered.

AES-PR must conduct our site inspections by qualified personnel with a least one member of our stormwater pollution prevention team participating in the comprehensive site inspections.

Our comprehensive site inspections cover all areas of the facility affected by the requirements in this ACO and MSPG, including the areas identified in the SWPPP as potential pollutant sources (see Part 5.1.3 of the MSGP) where industrial materials or activities are exposed to stormwater, any areas where control measures are used to comply with the effluent limits in Part 2 of the MSGP, and areas where spills and leaks have occurred in the past 3 years. The inspections have also included a review of monitoring data collected in accordance with Part 6.2 of the MSGP. Inspectors have considered the results of the past year's visual and analytical monitoring when planning and conducting inspections. Inspectors have examined the following:

- Industrial materials, residue, or trash that may have or could come into contact with stormwater;
- Leaks or spills from industrial equipment, drums, tanks, and other containers;
- Offsite tracking of industrial or waste materials, or sediment where vehicles enter or exit the site;
- Tracking or blowing of raw, final, or waste materials from areas of no exposure to exposed areas; and
- Control measures needing replacement, maintenance, or repair.

Stormwater control measures required by this permit were observed to ensure that they are functioning correctly. If discharge locations are inaccessible, nearby downstream locations must be inspected.

Under the MSGP, our annual comprehensive site inspection may also be used as one of the routine inspections, as long as all components of both types of inspections are included.

4.2 Comprehensive Site Inspection Documentation

AES-PR is required to document the findings of each comprehensive site inspection and maintain this documentation onsite with our SWPPP as required in Part 5.4 of the MSGP. In addition, we are required to submit this documentation in an annual report as required in Part 7.2 of the MSGP. At a minimum, your documentation of the comprehensive site inspection must include (see the Annual Reporting Form included as Appendix I of the MSGP):

- The date of the inspection;
- The name(s) and title(s) of the personnel making the inspection;
- Findings from the examination of areas of your facility identified in Part 4.3.1 of the MSGP;
- All observations relating to the implementation of your control measures including:
    - previously unidentified discharges from the site,
    - previously unidentified pollutants in existing discharges,
    - evidence of, or the potential for, pollutants entering the drainage system;
    - evidence of pollutants discharging to receiving waters at all facility outfall(s), and the condition of and around the outfall, including flow dissipation measures to prevent scouring, and
    - additional control measures needed to address any conditions requiring corrective action identified during the inspection.
- Any required revisions to the SWPPP resulting from the inspection;
- Any incidents of noncompliance observed or a certification stating the facility is in compliance with this permit (if there is no noncompliance); and
- A statement, signed and certified in accordance with Appendix B, Subsection 11 of the MSGP.

Any corrective action required as a result of the comprehensive site inspection will be performed consistent with Part 3 of MSGP.

5.0 Corrective Actions ”Section 3.0, 3.1 and 3.2 of the MSGP”

5.1 Conditions Requiring Review and revision to Eliminate Problem

If any of the following conditions occur, AES-PR will review and revise the selection, design, installation, and implementation of our control measures to ensure that the condition is eliminated and will not be repeated in the future:

- an unauthorized release or discharge (e.g., spill, leak, or discharge of non-stormwater not authorized by this or another NPDES permit) occurs at your facility;
- a discharge violates a numeric effluent limit;
- AES-PR becomes aware, or EPA determines, that our control measures are not stringent enough for the discharge to meet applicable water quality standards;
- an inspection or evaluation of our facility by an EPA official, or local, State, or Tribal entity, determines that modifications to the control measures are necessary to meet the non-numeric effluent limits in this permit; or
- we find in your routine facility inspection, quarterly visual assessment, or comprehensive site inspection that our control measures are not being properly operated and maintained.

5.2 Conditions Requiring Review to Determine if Modifications Are Necessary

If any of the following conditions occur, AES-PR will review the selection, design, installation, and implementation of your control measures to determine if modifications are necessary to meet the effluent limits in this permit:

- construction or a change in design, operation, or maintenance at our facility significantly changes the nature of pollutants discharged in stormwater from our facility, or significantly increases the quantity of pollutants discharged; or
- the average of 4 quarterly sampling results exceeds an applicable benchmark. If less than 4 benchmark samples have been taken, but the results are such that an exceedance of the 4 quarter average is mathematically certain (i.e., if the sum of quarterly sample results to date is more than 4 times the benchmark level) this is considered a benchmark exceedance, triggering this review.

5.3 Corrective Action Report

AES-PR is required within 24 hours of discovery of any condition listed in Parts 3.1 and 3.2 of the MSGP, to document the following information (i.e., questions 3-5 of the Corrective Actions section in the Annual Reporting Form, provided in Appendix I of the MSGP):

- Identification of the condition triggering the need for corrective action review;
- Description of the problem identified; and
- Date the problem was identified.

Within 14 days of discovery of any condition listed in Parts 3.1 and 3.2, AES-PR will document the following information (i.e., questions 7-11 of the Corrective Actions section in the Annual Reporting Form, provided in Appendix I):

- Summary of corrective action taken or to be taken (or, for triggering events identified in Part 3.2 of the MSGP where we determine that corrective action is not necessary, the basis for this determination);
- Notice of whether SWPPP modifications are required as a result of this discovery or corrective action;
- Date corrective action initiated; and
- Date corrective action completed or expected to be completed.

AES-PR will submit this documentation in an annual report as required in Part 7.2 of our MSGP and retain a copy onsite with your SWPPP as required in Part 5.4 of our MSGP.

6.0 AES Puerto Rico "2013 Annual Comprehensive Site Inspection Report Findings and Corrective Actions"

Inspection Members and Background: The comprehensive site inspection was performed by Hector Avila the Environmental Coordinator a member of the stormwater pollution team for AES-PR and Winston Esteves, PE, BCEE, QEP, CHMM, CPESC, CESSWI an independent Environmental Consultant, hired by AES-PR to assist in the site inspection, as well as provide any best practices identified in the industry to ensure that we are continuously meeting our compliance status.

This report summarizes all site findings related to the requirements identified above and it provides its recommendations to improve the program in the facility ensuring continuous compliance status.

Findings: During the Comprehensive Annual Evaluation, AES-PR had identified 12 various findings that required attention and corrective actions, none of which were directly related to any Unauthorized Releases or direct negligence on behalf of AES-PR. In summary, the findings identified were relatively low in nature, and were corrected in a timely manner. Please note that during this period of time, AES-PR was working under an Administrative Compliance Order, and were conducting various engineering analysis with the purpose of identifying and implementing new BMP's both Structural and Non-Structural for overall improvement's to the Facility.

Corrective Actions: As required in Section 3.4 of our MSGP "Corrective Action Report", AES-PR had completed questions 7-11 covered in the Annual Reporting form, provided in Appendix I of the MSGP. The details surrounding the findings and corrective actions can be found in Appendix 1 of this report.

7.0 Inspections "Section 4.0, 4.1.1 and 4.1.2 of the MSGP"

7.1 Routine Facility Inspection Procedures

AES-PR will conduct routine facility inspections of all areas of the facility where industrial materials or activities are exposed to stormwater, and of all stormwater control measures used to comply with the effluent limits contained in this permit. Routine facility inspections will be conducted at least quarterly (i.e., once each calendar quarter) although in many instances, more frequent inspection (e.g., monthly) may be appropriate for some types of equipment, processes, and control measures or areas of the facility with significant activities and materials exposed to stormwater. We perform these inspections during periods when the facility is in operation. AES-PR will specify the relevant inspection schedules in your SWPPP document as required in Part 5.1.5 of the MSGP. These routine inspections have been performed by a qualified person with at least one member of our stormwater pollution prevention team participating. At least once each calendar year, the routine facility inspection will be conducted during a period when a stormwater discharge is occurring.

7.2 Routine Facility Inspection Documentation

AES-PR will document the findings of each routine facility inspection performed and maintain this documentation onsite with your SWPPP as required in Part 5.4 of the MSGP. You are not required to submit your routine facility inspection findings to EPA, unless specifically requested to do so. At a minimum, your documentation of each routine facility inspection must include:

- The inspection date and time;
- The name(s) and signature(s) of the inspector(s);
- Weather information and a description of any discharges occurring at the time of the inspection;
- Any previously unidentified discharges of pollutants from the site;
- Any control measures needing maintenance or repairs;
- Any failed control measures that need replacement;
- Any incidents of noncompliance observed; and
- Any additional control measures needed to comply with the permit requirements.

8.0 AES-PR 2013 Q-4 Routine Facility Inspection Inspections "Section 4.0, 4.1.1 and 4.1.2 of the MSGP"

Inspection Members and Background: The Routine Facility Inspection was performed by Hector Avila the Environmental Coordinator a member of the stormwater pollution team for AES-PR and was reviewed by Winston Esteves, PE, BCEE, QEP, CHMM, CPESC, CESSWI an independent Environmental Consultant, hired by AES-PR to assist in the site inspection, as well as provide any best practices identified in the industry to ensure that we are continuously meeting our compliance status. This requirement can be found in Section 4.1.1 and 4.1.2 of our MSGP and in the Administrative Compliance Order Docket Number CWA-02-2013-3100, Section V – 19.

This report summarizes all site findings related to the requirements identified above and it provides its recommendations to improve the program in the facility ensuring continuous compliance status.

Findings: During the Comprehensive Annual Evaluation, AES-PR had identified 12 various findings that required routine maintenance and or corrective actions, none of which were directly related to any Unauthorized Releases or direct negligence on behalf of AES-PR. In summary, the findings identified were relatively low in nature, and were corrected in a timely manner. Please note that during this period of time, AES-PR was working under an Administrative Compliance Order, and were conducting various engineering analysis with the purpose of identifying and implementing new BMP's both Structural and Non-Structural for overall improvement's to the Facility.

Corrective Actions: All of the findings in documented during the Routine Facility Inspection, were items that are being addressed in the Administrative Compliance Order Docket Number CWA-02-2013-3100, and were in the process of being implemented or scheduled to be implemented. Further details of this report can be found in Appendix 2 of this report.

9.0 Required Monitoring "Section 6.2 of the MSGP"

AES-PR's MSGP permit includes five types of required analytical monitoring, one or more of which may apply to your discharge:

- Quarterly benchmark monitoring (see Part 6.2.1)
- Annual effluent limitations guidelines monitoring (see Part 6.2.2);
- State- or Tribal-specific monitoring (see Part 6.2.3);
- Impaired waters monitoring (see Part 6.2.4); and
- Other monitoring as required by EPA (see Part 6.2.5).

When more than one type of monitoring for the same parameter at the same outfall applies (e.g., total suspended solids once per year for an effluent limit and once per quarter for benchmark monitoring at a given outfall), you may use a single sample to satisfy both monitoring requirements (i.e., one sample satisfying both the annual effluent limit sample and one of the 4 quarterly benchmark monitoring samples).
All required monitoring must be conducted in accordance with the procedures described in Appendix B, Subsection 10.D of the MSGP.

9.1 Benchmark Monitoring

Our permit stipulates pollutant benchmark concentrations that may be applicable to your discharge. The benchmark concentrations are not effluent limitations; a benchmark exceedance, therefore, is not a permit violation. Benchmark monitoring data are primarily for your use to determine the overall effectiveness of our control measures and to assist AES-PR in knowing when additional corrective action(s) may be necessary to comply with the effluent limitations in Part 2 of the MSGP.

9.2 Benchmark Monitoring Schedule

Benchmark monitoring will be conducted quarterly, as identified in Part 6.1.7, for your first 4 full quarters of permit coverage commencing no earlier than April 1, 2009. Facilities in climates with irregular stormwater runoff, as described in Part 6.1.6 of the MSGP, may modify this quarterly schedule provided that this revised schedule is reported to EPA when the first benchmark sample is collected and reported, and that this revised schedule is kept with the facility's SWPPP as specified in Part 5.4 of the MSGP.

Data not exceeding benchmarks: After collection of 4 quarterly samples, if the average of the 4 monitoring values for any parameter does not exceed the benchmark, AES-PR would have fulfilled our monitoring requirements for that parameter for the permit term. For averaging purposes, use a value of zero for any individual sample parameter, analyzed using procedures consistent with Part 6.2.1.1 of the MSGP, which is determined to be less than the method detection limit. For sample values that fall between the method detection level and the quantitation limit (i.e., a confirmed detection but below the level that can be reliably quantified), use a value halfway between zero and the quantitation limit.

Data exceeding benchmarks: After collection of 4 quarterly samples, if the average of the 4 monitoring values for any parameter exceeds the benchmark, you must, in accordance with Part 3.2, review the selection, design, installation, and implementation of your control measures to determine if modifications are necessary to meet the effluent limits in this permit, and either:

- Make the necessary modifications and continue quarterly monitoring until you have completed 4 additional quarters of monitoring for which the average does not exceed the benchmark; or
- Make a determination that no further pollutant reductions are technologically available and economically practicable and achievable in light of best industry practice to meet the technology-based effluent limits or are necessary to meet the water-quality-based effluent limitations in Parts 2 of this permit, in which case you must continue monitoring once per year. You must also document your rationale for concluding that no further pollutant reductions are achievable, and retain all records related to this documentation with your SWPPP. You must also notify EPA of this determination in your next benchmark monitoring report.

In accordance with Part 3.2, you must review your control measures and perform any required corrective action immediately (or document why no corrective action is required), without waiting for the full 4 quarters of monitoring data, if an exceedance of the 4 quarter average is mathematically certain. If after modifying your control measures and conducting 4 additional quarters of monitoring, your average still exceeds the benchmark (or if an exceedance of the benchmark by the 4 quarter average is mathematically certain prior to conducting the full 4 additional quarters of monitoring), you must again review your control measures and take one of the two actions above.

10.0 AES-PR Q-4, Quarterly Benchmark Monitoring Analysis "Section 6.2 of the MSGP"

Inspection Members and Background: The Quarterly Benchmark Monitoring Analysis was performed by Hector Avila the Environmental Coordinator a member of the stormwater pollution team for AES-PR and was reviewed by Winston Esteves, PE, BCEE, QEP, CHMM, CPESC, CESSWI an independent Environmental Consultant, hired by AES-PR to assist in the site inspection, as well as provide any best practices identified in the industry to ensure that we are continuously meeting our compliance status. This requirement can be found in Section 6.1.3, 6.1.4, 6.1.5, 6.1.7, 6.2.1.1, 6.2.1.2, 8.0.7 (Sector Specific benchmark for steam electric power generating facilities) and Part 8.Q.6 (sector-specific for water transportation) of our MSGP and in the Administrative Compliance Order Docket Number CWA-02-2013-3100, Section V – 25 & 26.

This report summarizes all site findings related to the requirements identified above and it provides its recommendations to improve the program in the facility ensuring continuous compliance status.

Findings: During Q-4 of 2013, AES-PR only conducted sampling to outfall 002, 003A and Outfall 004 due to the fact there was not enough rainfall to produce a measurable discharge at Outfall 003B. After review of the laboratory results, it was apparent that the Iron and Aluminum levels were outside of the benchmark limits, of which were not part of our Permit limits and did not justify an exceedance to any our permit limits, as well as none of which were directly related to any Unauthorized Releases or direct negligence on behalf of AES-PR. Please note that during this period of time, AES-PR was working under an Administrative Compliance Order, and were conducting various engineering analysis with the purpose of identifying and implementing new BMP's both Structural and Non-Structural for overall improvement's to the Facility.

Corrective Actions: The Aluminum and Iron limits that were outside the Benchmark limits are being addressed with the implementation of the Structural and Non-Structural BMP's that are being implemented while under the ACO. We have already noticed that the levels in these sampling points are reducing significantly and it is expected by the full implementation of all required BMP's, these measurements be in full compliance with the benchmark standards. The full details of this report can be found in Appendix 3 of this report.

11.0 AES-PR 2013 Comprehensive Annual Report Appendices

Appendix 1

Administrative Compliance Order
AES-PR Coal Fired Power Plant
Docket Number CWA-02-2012-3100

Comprehensive Annual Evaluation
December 2013

Worksheet No.7

NPDES Permit Tracking No.: PRR05BL65

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

Annual Reporting Form

A. GENERAL INFORMATION

1. Facility Name: AES PUERTO RICO LP

2. NPDES Permit Tracking No.: PRR05BL65

3. Facility Physical Address:

a. Street: KM 142 STATE ROAD PR-3

b. City: GUAYAMA c. State: PR d. Zip Code: 00784-

4. Lead Inspectors Name: HECTOR MAVILA Title: ENVIRONMENTAL COORD

Additional Inspectors Name(s): WINSTON RESTEVES CONSULTANT

5. Contact Person: HECTOR MAVILA Title: ENVIRONMENTAL COORD

Phone: 787-866-8117 Ext. 22666 E-mail: hector.avila@aes.com

6. Inspection Date: 12/19/2013

B. GENERAL INSPECTION FINDINGS

1. As part of this comprehensive site inspection, did you inspect all potential pollutant sources, including areas where industrial activity may be exposed to stormwater?
☒ YES ☐ NO

If NO, describe why not:

NOTE: *Complete Section C of this form for each industrial activity area inspected and included in your SWPPP or as newly identified in B.2 or B.3 below where pollutants may be exposed to stormwater.*

2. Did this inspection identify any stormwater or non-stormwater outfalls not previously identified in your SWPPP? ☐YES ☒ NO

If YES, for each location, describe the sources of those stormwater and non-stormwater discharges and any associated control measures in place:

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3. Did this inspection identify any sources of stormwater or non-stormwater discharges not previously identified in your SWPPP? ☐ YES ☒ NO

If YES, describe these sources of stormwater or non-stormwater pollutants expected to be present in these discharges, and any control measures in place:

4. Did you review stormwater monitoring data as part of this inspection to identify potential pollutant hot spots? ☒ YES ☐ NO ☐ NA, no monitoring performed

If YES, summarize the findings of that review and describe any additional inspection activities resulting from this review:

Review of monitoring data did not result in identification of additional pollutant hot spots.

5. Describe any evidence of pollutants entering the drainage system or discharging to surface waters, and the condition of and around outfalls, including flow dissipation measures to prevent scouring:

Pollutants may be entering the drainage system from truck weigh scale north of the property.

6. Have you taken or do you plan to take any corrective actions, as specified in Part 3 of the permit, since your last annual report submission (or since you received authorization to discharge under this permit if this is your first annual report), including any corrective actions identified as a result of this annual comprehensive site inspection?

☒ YES ☐ NO

If YES, how many conditions requiring review for correction action as specified in Parts 3.1 and 3.2 were addressed by these corrective actions? 10

NOTE: *Complete the attached Corrective Action Form (Section D) for each condition identified, including any conditions identified as a result of this comprehensive stormwater inspection.*

Worksheet No.7

NPDES Permit Tracking No.:
PRR05BL65

C. INDUSTRIAL ACTIVITY AREA SPECIFIC FINDINGS

Complete one block for each industrial activity area where pollutants may be exposed to stormwater. Copy this page for additional industrial activity areas.

In reviewing each area, you should consider:

- Industrial materials, residue, or trash that may have or could come into contact with stormwater;
- Leaks or spills from industrial equipment, drums, tanks, and other containers;
- Offsite tracking of industrial or waste materials from areas of no exposure to exposed areas; and
- Tracking or blowing of raw, final, or waste materials from areas of no exposure to exposed areas.

INDUSTRIAL ACTIVITY AREA __1__:

1. Brief Description:

Exposed dumpsters containing scrap metal and solid waste at the east side of the steam plant.

2. Are any control measures in need of maintenance or repair? ☒ YES ☐ NO
3. Have any control measures failed and require replacement? ☐ YES ☒ NO
4. Are any additional/revised control measures necessary in this area? ☐ YES ☒ NO

If YES to any of these three questions, provide a description of the problem: (Any necessary corrective actions should be described on the attached Corrective Action Form)

Relocated waste dumpsters and installed covers to avoid the risk of these pollutant sources get in the storm water channel that led to storm water retention pond.

INDUSTRIAL ACTIVITY AREA __2__:

1. Brief Description:

Accumulated sediment in the drainage channel at the southeast corner of the facility. Most of this sediment originates from construction activities covered by under a CGP.

2. Are any control measures in need of maintenance or repair? ☒ YES ☐ NO
3. Have any control measures failed and require replacement? ☐ YES ☒ NO
4. Are any additional/revised c necessary in this area? ☐ YES ☒ NO

If YES to any of these three questions, provide a description of the problem: (Any necessary corrective actions should be described on the attached Corrective Action Form)

Good housekeeping practices requiring the periodic cleaning of these channels.
Effort has been made to enhance the vegetation growth in this small area. Most of the impacted area by the construction activities is stabilized.

INDUSTRIAL ACTIVITY AREA __3__:

Brief Description:

Exposed oil drum and hand pump has been seen during the inspection. This area drains to the coal pile runoff pond.

2. Are any control measures in need of maintenance or repair? ☒ YES ☐ NO
3. Have any control measures failed and require replacement? ☒ YES ☐ NO
4. Are any additional/revised BMPs necessary in this area? ☐ YES ☒ NO

If YES to any of these three questions, provide a description of the problem: (Any necessary corrective actions should be described on the attached Corrective Action Form)

Good housekeeping practices has been implemented but need reinforce this practice after completing the works.

Worksheet No.7

NPDES Permit Tracking No.:
PRR05BL65

NOTE: Copy this page and attach additional pages as necessary

INDUSTRIAL ACTIVITY AREA __4__:

1. Brief Description:

During the inspection accumulated sediment in drainage channel which discharges to coal pile runoff pond has been seen. The main pumps from the Agremax pile and the sediment trap was found out of service at the moment of the inspection. A temporarily portable pump was in use. A work order has been created before the inspection to fix the main pumps.

2. Are any control measures in need of maintenance or repair? ☒ YES ☐ NO
3. Have any control measures failed and require replacement? ☒ YES ☐ NO
4. Are any additional/revised BMPs necessary in this area? ☐ YES ☒ NO

If YES to any of these three questions, provide a description of the problem: (Any necessary corrective actions should be described on the attached Corrective Action Form)

Good housekeeping practices have been put in place but consider increase the frequency cleaning of these channels. Pumps and sediment control are now operational.

INDUSTRIAL ACTIVITY AREA __5__:

1. Brief Description:

Concrete drainage channel discharge. No indications of pollutants discharge.

2. Are any control measures in need of maintenance or repair? ☐ YES ☒ NO
3. Have any control measures failed and require replacement? ☐ YES ☒ NO
4. Are any additional/revised BMPs necessary in this area? ☐ YES ☒ NO

If YES to any of these three questions, provide a description of the problem: (Any necessary corrective actions should be described on the attached Corrective Action Form)

INDUSTRIAL ACTIVITY AREA __6__:

1. Brief Description:

Exposed spare electrical equipment. Tarp cover blown by strong winds.

2. Are any control measures in need of maintenance or repair? ☒ YES ☐ NO
3. Have any control measures failed and require replacement? ☒ YES ☐ NO
4. Are any additional/revised BMPs necessary in this area? ☐ YES ☒ NO

If YES to any of these three questions, provide a description of the problem: (Any necessary corrective actions should be described on the attached Corrective Action Form)

Increase frequency of good housekeeping practices to maintain tarp cover in place to protect electrical equipment from storm water.

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NPDES Permit Tracking No.:
PRR05BL65

***NOTE:** Copy this page and attach additional pages as necessary*

INDUSTRIAL ACTIVITY AREA __7__:

1. Brief Description:

Exposed equipment.

2. Are any control measures in need of maintenance or repair? ☐ YES ☒ NO
3. Have any control measures failed and require replacement? ☐ YES ☒ NO
4. Are any additional/revised BMPs necessary in this area? ☐ YES ☒ NO

If YES to any of these three questions, provide a description of the problem: (Any necessary corrective actions should be described on the attached Corrective Action Form)

Good housekeeping practices that require equipment be covered or equipment relocation were potential pollutant don't get in the storm water discharge conveyance.

INDUSTRIAL ACTIVITY AREA __8__:

1. Brief Description:

Covered soil stock pile, good practice.

2. Are any control measures in need of maintenance or repair? ☐ YES ☒ NO
3. Have any control measures failed and require replacement? ☐ YES ☒ NO
4. Are any additional/revised BMPs necessary in this area? ☐ YES ☒ NO

If YES to any of these three questions, provide a description of the problem: (Any necessary corrective actions should be described on the attached Corrective Action Form)

INDUSTRIAL ACTIVITY AREA __9__:

1. Brief Description:

At the moment of the inspection exposed dumpsters have been seen. Roll Off covers has been purchased and are under way at the moment of the inspection.

2. Are any control measures in need of maintenance or repair? ☒ YES ☐ NO
3. Have any control measures failed and require replacement? ☒ YES ☐ NO
4. Are any additional/revised BMPs necessary in this area? ☐ YES ☒ NO

If YES to any of these three questions, provide a description of the problem: (Any necessary corrective actions should be described on the attached Corrective Action Form)

Good housekeeping practices should be maintained requiring the storage of these pollutants sources under cover and install the roll off cover as soon it arrive.

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NOTE: Copy this page and attach additional pages as necessary

INDUSTRIAL ACTIVITY AREA __10__:

1. Brief Description:

Exposed drums and totes around limestone dome. Runoff from the area drains to coal pile runoff pond.

2. Are any control measures in need of maintenance or repair? ☒ YES ☐ NO
3. Have any control measures failed and require replacement? ☐ YES ☒ NO
4. Are any additional/revised BMPs necessary in this area? ☐ YES ☒ NO

If YES to any of these three questions, provide a description of the problem: (Any necessary corrective actions should be described on the attached Corrective Action Form)

There is no concern with location due to run off will end at the coal pile run off pond (CPROP).

INDUSTRIAL ACTIVITY AREA __11__:

1. Brief Description:

Exposed industrial area - weigh bridge

2. Are any control measures in need of maintenance or repair? ☐ YES ☒ NO
3. Have any control measures failed and require replacement? ☐ YES ☒ NO
4. Are any additional/revised BMPs necessary in this area? ☒ YES ☐ NO

If YES to any of these three questions, provide a description of the problem: (Any necessary corrective actions should be described on the attached Corrective Action Form)

Hydrocarbon leaks and particulates falling from trucks are may carried away by storm waters.

INDUSTRIAL ACTIVITY AREA __12__:

1. Brief Description:

Swale receiving weigh bridge discharge.

2. Are any c control measures in need of maintenance or repair? ☐ YES ☒ NO
3. Have any control measures failed and require replacement? ☐ YES ☒ NO
4. Are any additional/revised BMPs necessary in this area? ☒ YES ☐ NO

If YES to any of these three questions, provide a description of the problem: (Any necessary corrective actions should be described on the attached Corrective Action Form)

Hydrocarbon leaks and particulates falling from trucks may carried away by storm waters.

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NPDES Permit Tracking No.: PRR05BL65

D. CORRECTIVE ACTIONS

Complete this page for each specific condition requiring a corrective action or a review determining that no corrective action is needed. Copy this page for additional corrective actions or reviews.

Include both corrective actions that have been initiated or completed since the last annual report, and future corrective actions needed to address problems identified in this comprehensive stormwater inspection. Include an update on any outstanding corrective actions that had not been completed at the time of your previous annual report.

1. Corrective Action # 01 of 12 for this reporting period.

2. Is this corrective action:

- ☒ An update on a corrective action from a previous annual report; or
- ☐ A new corrective action?

3. Identify the condition(s) triggering the need for this review:

- ☐ Unauthorized release or discharge
- ☐ Numeric effluent limitation exceedance
- ☐ Control measures inadequate to meet applicable water quality standards
- ☐ Control measures inadequate to meet non-numeric effluent limitations
- ☒ Control measures not properly operated or maintained
- ☐ Change in facility operations necessitated change in control measures
- ☐ Average benchmark value exceedance
- ☐ Other (describe): _____

4. Briefly describe the nature of the problem identified:

Dumpsters not covered as required.

5. Date problem identified: 12/19/2013

6. How problem was identified:

- ☒ Comprehensive site inspection
- ☐ Quarterly visual assessment
- ☐ Routine facility inspection
- ☐ Benchmark monitoring
- ☐ Notification by EPA or State or local authorities
- ☐ Other (describe): _____

7. Description of corrective action(s) taken or to be taken to eliminate or further investigate the problem (e.g., describe modifications or repairs to control measures, analyses to be conducted, etc.) or if no modifications are needed, basis for that determination:

Relocate waste dumpsters or install covers to avoid the risk of these pollutant sources get in the storm water channel that led to storm water retention pond.

8. Did/will this corrective action require modification of your SWPPP? ☐ YES ☒ NO

9. Date corrective action initiated: 01/07/2014

10. Date correction action completed: ___/___/_____ or expected to be completed: 01/31/2014

11. If corrective action not yet completed, provide the status of corrective action at the time of the comprehensive site inspection and describe any remaining steps (including timeframes associated with each step) necessary to complete corrective action:

Retraining of personnel on good housekeeping practices during January 2014.

Worksheet No.7

NPDES Permit Tracking No.:
PRR05BL65

D. CORRECTIVE ACTIONS

Complete this page for each specific condition requiring a corrective action or a review determining that no corrective action is needed. Copy this page for additional corrective actions or reviews.

Include both corrective actions that have been initiated or completed since the last annual report, and future corrective actions needed to address problems identified in this comprehensive stormwater inspection. Include an update on any outstanding corrective actions that had not been completed at the time of your previous annual report.

1. Corrective Action # 02 of 12 for this reporting period.

2. Is this corrective action:

- ☐ An update on a corrective action from a previous annual report; or
- ☒ A new corrective action?

3. Identify the condition(s) triggering the need for this review:

- ☐ Unauthorized release or discharge
- ☐ Numeric effluent limitation exceedance
- ☐ Control measures inadequate to meet applicable water quality standards
- ☐ Control measures inadequate to meet non-numeric effluent limitations
- ☒ Control measures not properly operated or maintained
- ☐ Change in facility operations necessitated change in control measures
- ☐ Average benchmark value exceedance
- ☐ Other (describe): _____

4. Briefly describe the nature of the problem identified:

Sediment accumulated in drainage channels not removed in a timely manner.

5. Date problem identified: 12/19/2013

6. How problem was identified:

- ☒ Comprehensive site inspection
- ☐ Quarterly visual assessment
- ☐ Routine facility inspection
- ☐ Benchmark monitoring
- ☐ Notification by EPA or State or local authorities
- ☐ Other (describe): _____

7. Description of corrective action(s) taken or to be taken to eliminate or further investigate the problem (e.g., describe modifications or repairs to control measures, analyses to be conducted, etc.) or if no modifications are needed, basis for that determination:

Good housekeeping and BMP practices must be maintained.

8. Did/will this corrective action require modification of your SWPPP? ☐ YES ☒ NO

9. Date corrective action initiated: 01/07/2014

10. Date correction action completed: ___/___/____ or expected to be completed: 01/31/2014

11. If corrective action not yet completed, provide the status of corrective action at the time of the comprehensive site inspection and describe any remaining steps (including timeframes associated with each step) necessary to complete corrective action:

Retraining of personnel on good housekeeping practices during January 2014.

Worksheet No.7

NPDES Permit Tracking No.:
PRR05BL65

D. CORRECTIVE ACTIONS

Complete this page for each specific condition requiring a corrective action or a review determining that no corrective action is needed. Copy this page for additional corrective actions or reviews.

Include both corrective actions that have been initiated or completed since the last annual report, and future corrective actions needed to address problems identified in this comprehensive stormwater inspection. Include an update on any outstanding corrective actions that had not been completed at the time of your previous annual report.

1. Corrective Action # 03 of 12 for this reporting period.

2. Is this corrective action:

- ☐ An update on a corrective action from a previous annual report; or
- ☒ A new corrective action?

3. Identify the condition(s) triggering the need for this review:

- ☐ Unauthorized release or discharge
- ☐ Numeric effluent limitation exceedance
- ☐ Control measures inadequate to meet applicable water quality standards
- ☐ Control measures inadequate to meet non-numeric effluent limitations
- ☒ Control measures not properly operated or maintained
- ☐ Change in facility operations necessitated change in control measures
- ☐ Average benchmark value exceedance
- ☐ Other (describe): _____

4. Briefly describe the nature of the problem identified:

Exposed oil drum and hand pump

5. Date problem identified: 12/19/2013

6. How problem was identified:

- ☒ Comprehensive site inspection
- ☐ Quarterly visual assessment
- ☐ Routine facility inspection
- ☐ Benchmark monitoring
- ☐ Notification by EPA or State or local authorities
- ☐ Other (describe): _____

7. Description of corrective action(s) taken or to be taken to eliminate or further investigate the problem (e.g., describe modifications or repairs to control measures, analyses to be conducted, etc.) or if no modifications are needed, basis for that determination:

All drums and containers must remain under cover while stored or in use.

8. Did/will this corrective action require modification of your SWPPP? ☐ YES ☒ NO

9. Date corrective action initiated: 01/07/2014

10. Date correction action completed: 01/15/2014 or expected to be completed: __/__/____

11. If corrective action not yet completed, provide the status of corrective action at the time of the comprehensive site inspection and describe any remaining steps (including timeframes associated with each step) necessary to complete corrective action:

Retraining of personnel on good housekeeping practices during January 2014.

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NPDES Permit Tracking No.: PRR05BL65

D. CORRECTIVE ACTIONS

Complete this page for each specific condition requiring a corrective action or a review determining that no corrective action is needed. Copy this page for additional corrective actions or reviews.

Include both corrective actions that have been initiated or completed since the last annual report, and future corrective actions needed to address problems identified in this comprehensive stormwater inspection. Include an update on any outstanding corrective actions that had not been completed at the time of your previous annual report.

1. Corrective Action # 04 of 12 for this reporting period.

2. Is this corrective action:

- ☒ An update on a corrective action from a previous annual report; or
- ☐ A new corrective action?

3. Identify the condition(s) triggering the need for this review:

- ☐ Unauthorized release or discharge
- ☐ Numeric effluent limitation exceedance
- ☐ Control measures inadequate to meet applicable water quality standards
- ☐ Control measures inadequate to meet non-numeric effluent limitations
- ☒ Control measures not properly operated or maintained
- ☐ Change in facility operations necessitated change in control measures
- ☐ Average benchmark value exceedance
- ☐ Other (describe): _____

4. Briefly describe the nature of the problem identified:

Sediment accumulated in drainage channels not removed in a timely manner.

5. Date problem identified: 12/19/2013

6. How problem was identified:

- ☒ Comprehensive site inspection
- ☐ Quarterly visual assessment
- ☐ Routine facility inspection
- ☐ Benchmark monitoring
- ☐ Notification by EPA or State or local authorities
- ☐ Other (describe): _____

7. Description of corrective action(s) taken or to be taken to eliminate or further investigate the problem (e.g., describe modifications or repairs to control measures, analyses to be conducted, etc.) or if no modifications are needed, basis for that determination:

Good housekeeping practices have been put in place but consider increase the frequency cleaning of these channels.

8. Did/will this corrective action require modification of your SWPPP? ☐ YES ☒ NO

9. Date corrective action initiated: 01/07/2014

10. Date correction action completed: 01/10/2014 or expected to be completed: __/__/____

11. If corrective action not yet completed, provide the status of corrective action at the time of the comprehensive site inspection and describe any remaining steps (including timeframes associated with each step) necessary to complete corrective action:

Retraining of personnel on good housekeeping practices during January 2014.

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D. CORRECTIVE ACTIONS

Complete this page for each specific condition requiring a corrective action or a review determining that no corrective action is needed. Copy this page for additional corrective actions or reviews.

Include both corrective actions that have been initiated or completed since the last annual report, and future corrective actions needed to address problems identified in this comprehensive stormwater inspection. Include an update on any outstanding corrective actions that had not been completed at the time of your previous annual report.

1. Corrective Action # 05 of 12 for this reporting period.

2. Is this corrective action:

- ☒ An update on a corrective action from a previous annual report; or
- ☒ A new corrective action?

3. Identify the condition(s) triggering the need for this review:

- ☐ Unauthorized release or discharge
- ☐ Numeric effluent limitation exceedance
- ☐ Control measures inadequate to meet applicable water quality standards
- ☐ Control measures inadequate to meet non-numeric effluent limitations
- ☐ Control measures not properly operated or maintained
- ☐ Change in facility operations necessitated change in control measures
- ☐ Average benchmark value exceedance
- ☒ Other (describe): **Not applicable**

4. Briefly describe the nature of the problem identified:

Not applicable. Receiving waters appear free of pollutants.

5. Date problem identified: ___/___/_____

6. How problem was identified:

- ☒ Comprehensive site inspection
- ☐ Quarterly visual assessment
- ☐ Routine facility inspection
- ☐ Benchmark monitoring
- ☐ Notification by EPA or State or local authorities
- ☐ Other (describe): **Not applicable**

7. Description of corrective action(s) taken or to be taken to eliminate or further investigate the problem (e.g., describe modifications or repairs to control measures, analyses to be conducted, etc.) or if no modifications are needed, basis for that determination:

Not required.

8. Did/will this corrective action require modification of your SWPPP? ☐ YES ☒ NO

9. Date corrective action initiated: ___ ___ _____

10. Date correction action completed: ___/___/_____ or expected to be completed: ___ ___ _____

11. If corrective action not yet completed, provide the status of corrective action at the time of the comprehensive site inspection and describe any remaining steps (including timeframes associated with each step) necessary to complete corrective action:

No corrective actions required.

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D. CORRECTIVE ACTIONS

Complete this page for each specific condition requiring a corrective action or a review determining that no corrective action is needed. Copy this page for additional corrective actions or reviews.

Include both corrective actions that have been initiated or completed since the last annual report, and future corrective actions needed to address problems identified in this comprehensive stormwater inspection. Include an update on any outstanding corrective actions that had not been completed at the time of your previous annual report.

1. Corrective Action # 06 of 12 for this reporting period.

2. Is this corrective action:

- ☐ An update on a corrective action from a previous annual report; or
- ☒ A new corrective action?

3. Identify the condition(s) triggering the need for this review:

- ☐ Unauthorized release or discharge
- ☐ Numeric effluent limitation exceedance
- ☐ Control measures inadequate to meet applicable water quality standards
- ☐ Control measures inadequate to meet non-numeric effluent limitations
- ☒ Control measures not properly operated or maintained
- ☐ Change in facility operations necessitated change in control measures
- ☐ Average benchmark value exceedance
- ☐ Other (describe): _____

4. Briefly describe the nature of the problem identified:

Exposed electrical equipment

5. Date problem identified: 12 19 2013

6. How problem was identified:

- ☒ Comprehensive site inspection
- ☐ Quarterly visual assessment
- ☐ Routine facility inspection
- ☐ Benchmark monitoring
- ☐ Notification by EPA or State or local authorities
- ☐ Other (describe): _____

7. Description of corrective action(s) taken or to be taken to eliminate or further investigate the problem (e.g., describe modifications or repairs to control measures, analyses to be conducted, etc.) or if no modifications are needed, basis for that determination:

Replace and maintain cover over equipment.

8. Did/will this corrective action require modification of your SWPPP? ☐ YES ☒ NO

9. Date corrective action initiated: 12/19/2013

10. Date correction action completed: 12/23/2013 or expected to be completed: __/__/____

11. If corrective action not yet completed, provide the status of corrective action at the time of the comprehensive site inspection and describe any remaining steps (including timeframes associated with each step) necessary to complete corrective action:

Retraining of personnel on good housekeeping practices during January 2014.

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NPDES Permit Tracking No.: PRR05BL65

D. CORRECTIVE ACTIONS

Complete this page for each specific condition requiring a corrective action or a review determining that no corrective action is needed. Copy this page for additional corrective actions or reviews.

Include both corrective actions that have been initiated or completed since the last annual report, and future corrective actions needed to address problems identified in this comprehensive stormwater inspection. Include an update on any outstanding corrective actions that had not been completed at the time of your previous annual report.

1. Corrective Action # 07 of 12 for this reporting period.

2. Is this corrective action:

- ☒ An update on a corrective action from a previous annual report; or
- ☒ A new corrective action?

3. Identify the condition(s) triggering the need for this review:

- ☐ Unauthorized release or discharge
- ☐ Numeric effluent limitation exceedance
- ☐ Control measures inadequate to meet applicable water quality standards
- ☐ Control measures inadequate to meet non-numeric effluent limitations
- ☒ Control measures not properly operated or maintained
- ☐ Change in facility operations necessitated change in control measures
- ☐ Average benchmark value exceedance
- ☐ Other (describe): _____

4. Briefly describe the nature of the problem identified:

Exposed equipment.

5. Date problem identified: 12/19/2013

6. How problem was identified:

- ☒ Comprehensive site inspection
- ☐ Quarterly visual assessment
- ☐ Routine facility inspection
- ☐ Benchmark monitoring
- ☐ Notification by EPA or State or local authorities
- ☐ Other (describe): _____

7. Description of corrective action(s) taken or to be taken to eliminate or further investigate the problem (e.g., describe modifications or repairs to control measures, analyses to be conducted, etc.) or if no modifications are needed, basis for that determination:

Replace and maintain cover.

8. Did/will this corrective action require modification of your SWPPP? ☐ YES ☒ NO

9. Date corrective action initiated: 12/19/2013

10. Date correction action completed: ___/___/____ or expected to be completed: 03/31/2014

11. If corrective action not yet completed, provide the status of corrective action at the time of the comprehensive site inspection and describe any remaining steps (including timeframes associated with each step) necessary to complete corrective action:

Retraining of personnel on good housekeeping practices during January 2014.

Worksheet No.7

NPDES Permit Tracking No.: PRR05BL65

D. CORRECTIVE ACTIONS

Complete this page for each specific condition requiring a corrective action or a review determining that no corrective action is needed. Copy this page for additional corrective actions or reviews.

Include both corrective actions that have been initiated or completed since the last annual report, and future corrective actions needed to address problems identified in this comprehensive stormwater inspection. Include an update on any outstanding corrective actions that had not been completed at the time of your previous annual report.

1. Corrective Action # 08 of 12 for this reporting period.

2. Is this corrective action:

- ☒ An update on a corrective action from a previous annual report; or
- ☐ A new corrective action?

3. Identify the condition(s) triggering the need for this review:

- ☐ Unauthorized release or discharge
- ☐ Numeric effluent limitation exceedance
- ☐ Control measures inadequate to meet applicable water quality standards
- ☐ Control measures inadequate to meet non-numeric effluent limitations
- ☐ Control measures not properly operated or maintained
- ☐ Change in facility operations necessitated change in control measures
- ☐ Average benchmark value exceedance
- ☐ Other (describe): **Not applicable**

4. Briefly describe the nature of the problem identified:

Not applicable.

5. Date problem identified: ☐☐ ☐☐ ☐☐☐☐

6. How problem was identified:

- ☐ Comprehensive site inspection
- ☐ Quarterly visual assessment
- ☐ Routine facility inspection
- ☐ Benchmark monitoring
- ☐ Notification by EPA or State or local authorities
- ☐ Other (describe): **Not applicable**

7. Description of corrective action(s) taken or to be taken to eliminate or further investigate the problem (e.g., describe modifications or repairs to control measures, analyses to be conducted, etc.) or if no modifications are needed, basis for that determination:

Not required.

8. Did/will this corrective action require modification of your SWPPP? ☐ YES ☐ NO

9. Date corrective action initiated: ☐☐ ☐☐ ☐☐☐☐

10. Date correction action completed: ☐☐/☐☐/☐☐☐☐ or expected to be completed: ☐☐ ☐☐ ☐☐☐☐

11. If corrective action not yet completed, provide the status of corrective action at the time of the comprehensive site inspection and describe any remaining steps (including timeframes associated with each step) necessary to complete corrective action:

No corrective actions required.

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D. CORRECTIVE ACTIONS

Complete this page for each specific condition requiring a corrective action or a review determining that no corrective action is needed. Copy this page for additional corrective actions or reviews.

Include both corrective actions that have been initiated or completed since the last annual report, and future corrective actions needed to address problems identified in this comprehensive stormwater inspection. Include an update on any outstanding corrective actions that had not been completed at the time of your previous annual report.

1. Corrective Action # 09 of 12 for this reporting period.

2. Is this corrective action:

- ☒ An update on a corrective action from a previous annual report; or
- ☐ A new corrective action?

3. Identify the condition(s) triggering the need for this review:

- ☐ Unauthorized release or discharge
- ☐ Numeric effluent limitation exceedance
- ☐ Control measures inadequate to meet applicable water quality standards
- ☐ Control measures inadequate to meet non-numeric effluent limitations
- ☒ Control measures not properly operated or maintained
- ☐ Change in facility operations necessitated change in control measures
- ☐ Average benchmark value exceedance
- ☐ Other (describe): _____

4. Briefly describe the nature of the problem identified:

Exposed dumpsters.

5. Date problem identified: 12/19/2013

6. How problem was identified:

- ☒ Comprehensive site inspection
- ☐ Quarterly visual assessment
- ☐ Routine facility inspection
- ☐ Benchmark monitoring
- ☐ Notification by EPA or State or local authorities
- ☐ Other (describe): _____

7. Description of corrective action(s) taken or to be taken to eliminate or further investigate the problem (e.g., describe modifications or repairs to control measures, analyses to be conducted, etc.) or if no modifications are needed, basis for that determination:

Good housekeeping practices should be maintained requiring the storage of these pollutants sources under cover and install the roll off cover as soon it arrive.

8. Did/will this corrective action require modification of your SWPPP? ☐ YES ☒ NO

9. Date corrective action initiated: 01/07/2014

10. Date correction action completed: ___/___/_____ or expected to be completed: 01/31/2014

11. If corrective action not yet completed, provide the status of corrective action at the time of the comprehensive site inspection and describe any remaining steps (including timeframes associated with each step) necessary to complete corrective action:

Retraining of personnel on good housekeeping practices during January 2014.

Worksheet No.7

NPDES Permit Tracking No.: PRR05BL65

D. CORRECTIVE ACTIONS

Complete this page for each specific condition requiring a corrective action or a review determining that no corrective action is needed. Copy this page for additional corrective actions or reviews.

Include both corrective actions that have been initiated or completed since the last annual report, and future corrective actions needed to address problems identified in this comprehensive stormwater inspection. Include an update on any outstanding corrective actions that had not been completed at the time of your previous annual report.

1. Corrective Action # 10 of 12 for this reporting period.

2. Is this corrective action:

- ☐ An update on a corrective action from a previous annual report; or
- ☐ A new corrective action?

3. Identify the condition(s) triggering the need for this review:

- ☐ Unauthorized release or discharge
- ☐ Numeric effluent limitation exceedance
- ☐ Control measures inadequate to meet applicable water quality standards
- ☐ Control measures inadequate to meet non-numeric effluent limitations
- ☐ Control measures not properly operated or maintained
- ☐ Change in facility operations necessitated change in control measures
- ☐ Average benchmark value exceedance
- ☐ Other (describe): _____N/A_____

4. Briefly describe the nature of the problem identified:

There is no concern with location due to run off will end at the coal pile run off pond (CPROP).

5. Date problem identified: ___/___/_____

6. How problem was identified:

- ☐ Comprehensive site inspection
- ☐ Quarterly visual assessment
- ☐ Routine facility inspection
- ☐ Benchmark monitoring
- ☐ Notification by EPA or State or local authorities
- ☐ Other (describe): _____

7. Description of corrective action(s) taken or to be taken to eliminate or further investigate the problem (e.g., describe modifications or repairs to control measures, analyses to be conducted, etc.) or if no modifications are needed, basis for that determination:

8. Did/will this corrective action require modification of your SWPPP? ☐ YES ☒ NO

9. Date corrective action initiated: ___/___/_____

10. Date correction action completed: ___/___/_____ or expected to be completed: ___/___/_____

11. If corrective action not yet completed, provide the status of corrective action at the time of the comprehensive site inspection and describe any remaining steps (including timeframes associated with each step) necessary to complete corrective action:

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NPDES Permit Tracking No.: PRR05BL65

D. CORRECTIVE ACTIONS

Complete this page for each specific condition requiring a corrective action or a review determining that no corrective action is needed. Copy this page for additional corrective actions or reviews.

Include both corrective actions that have been initiated or completed since the last annual report, and future corrective actions needed to address problems identified in this comprehensive stormwater inspection. Include an update on any outstanding corrective actions that had not been completed at the time of your previous annual report.

1. Corrective Action # 11 of 12 for this reporting period.

2. Is this corrective action:

- ☒ An update on a corrective action from a previous annual report; or
- ☐ A new corrective action?

3. Identify the condition(s) triggering the need for this review:

- ☐ Unauthorized release or discharge
- ☐ Numeric effluent limitation exceedance
- ☐ Control measures inadequate to meet applicable water quality standards
- ☐ Control measures inadequate to meet non-numeric effluent limitations
- ☐ Control measures not properly operated or maintained
- ☐ Change in facility operations necessitated change in control measures
- ☐ Average benchmark value exceedance
- ☒ Other (describe): Exposed industrial activity

4. Briefly describe the nature of the problem identified:

Uncovered weigh bridge

5. Date problem identified: 12/19/2013

6. How problem was identified:

- ☒ Comprehensive site inspection
- ☐ Quarterly visual assessment
- ☐ Routine facility inspection
- ☐ Benchmark monitoring
- ☐ Notification by EPA or State or local authorities
- ☐ Other (describe): _____

7. Description of corrective action(s) taken or to be taken to eliminate or further investigate the problem (e.g., describe modifications or repairs to control measures, analyses to be conducted, etc.) or if no modifications are needed, basis for that determination:

Pollutants from heavy equipment are may carried away by storm waters.

8. Did/will this corrective action require modification of your SWPPP? ☐ YES ☒ NO

9. Date corrective action initiated: 12/19/2013

10. Date correction action completed: ___/___/_____ or expected to be completed: 03/31/2014

11. If corrective action not yet completed, provide the status of corrective action at the time of the comprehensive site inspection and describe any remaining steps (including timeframes associated with each step) necessary to complete corrective action:

Develop / implement project to provide cover or eliminate exposure by first quarter of 2014.

Worksheet No.7

NPDES Permit Tracking No.: PRR05BL65

D. CORRECTIVE ACTIONS

Complete this page for each specific condition requiring a corrective action or a review determining that no corrective action is needed. Copy this page for additional corrective actions or reviews.

Include both corrective actions that have been initiated or completed since the last annual report, and future corrective actions needed to address problems identified in this comprehensive stormwater inspection. Include an update on any outstanding corrective actions that had not been completed at the time of your previous annual report.

1. Corrective Action # 12 of 12 for this reporting period.

2. Is this corrective action:

- ☒ An update on a corrective action from a previous annual report; or
- ☐ A new corrective action?

3. Identify the condition(s) triggering the need for this review:

- ☐ Unauthorized release or discharge
- ☐ Numeric effluent limitation exceedance
- ☐ Control measures inadequate to meet applicable water quality standards
- ☐ Control measures inadequate to meet non-numeric effluent limitations
- ☒ Control measures not properly operated or maintained
- ☐ Change in facility operations necessitated change in control measures
- ☐ Average benchmark value exceedance
- ☐ Other (describe): _____

4. Briefly describe the nature of the problem identified:

Pollutants may discharge into swale on north side of facility.

5. Date problem identified: 12/19/2013

6. How problem was identified:

- ☒ Comprehensive site inspection
- ☐ Quarterly visual assessment
- ☐ Routine facility inspection
- ☐ Benchmark monitoring
- ☐ Notification by EPA or State or local authorities
- ☐ Other (describe): _____

7. Description of corrective action(s) taken or to be taken to eliminate or further investigate the problem (e.g., describe modifications or repairs to control measures, analyses to be conducted, etc.) or if no modifications are needed, basis for that determination:

Provide cover for weigh bridge or relocate the industrial activity in a more suitable area.

8. Did/will this corrective action require modification of your SWPPP? ☐ YES ☒ NO

9. Date corrective action initiated: 12/19/2013

10. Date correction action completed: ___/___/____ or expected to be completed: 03/31/2014

11. If corrective action not yet completed, provide the status of corrective action at the time of the comprehensive site inspection and describe any remaining steps (including timeframes associated with each step) necessary to complete corrective action:

Develop / implement project to provide cover or eliminate exposure by first quarter of 2014.

Worksheet No.7

NPDES Permit Tracking No.: PRR05BL65

E. ANNUAL REPORT CERTIFICATION

1. Compliance Certification

Do you certify that your annual inspection has met the requirements of Part 4.3 of the permit, and that, based upon the results of this inspection, to the best of your knowledge, you are in compliance with the permit? ☒ YES ☐ NO

If NO, summarize why you are not in compliance with the permit:

2. Annual Report Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Authorized Representative Printed Name: RON RODRIQUE Title: ASSISTANT PLANT MAN.

Signature: _____ Date Signed: March 17, 2014

Appendix 2

Administrative Compliance Order
AES-PR Coal Fired Power Plant
Docket Number CWA-02-2012-3100

Routine Facility Inspections
October - December 2013

Stormwater Industrial Routine Facility Inspection Report

General Information			
Facility Name	AES PR		
NPDES Tracking No.			
Date of Inspection	**December 20, 2013**	**Start/End Time**	**9:00 a.m.-11:00 a.m.**
Inspector's Name(s)	Héctor M. Ávila		
Inspector's Title(s)	Environmental Coordinator		
Inspector's Contact Information	787-866-8117 ext.2266		
Inspector's Qualifications	Engineer		

Weather Information

Weather at time of this inspection?
☒Clear ☐Cloudy ☐ Rain ☐ Sleet ☐ Fog ☐ Snow ☐ High Winds
☐ Other: Temperature: 80°F

Have any previously unidentified discharges of pollutants occurred since the last inspection? ☐Yes ☒No
If yes, describe:

Are there any discharges occurring at the time of inspection? ☐Yes ☒No
If yes, describe:

Control Measures

- *Number the structural stormwater control measures identified in your SWPPP on your site map and list them below (add as many control measures as are implemented on-site). Carry a copy of the numbered site map with you during your inspections. This list will ensure that you are inspecting all required control measures at your facility.*
- *Describe corrective actions initiated, date completed, and note the person that completed the work in the Corrective Action Log.*

	Structural Control Measure	**Control Measure is Operating Effectively?**	**If No, In Need of Maintenance, Repair, or Replacement?**	**Corrective Action Needed and Notes** (identify needed maintenance and repairs, or any failed control measures that need replacement)
1	Water Treatment Berm	☒Yes ☐No	☐ Maintenance ☐ Repair ☐ Replacement	
2	Coal Pile Run-off Sediment trap	☒Yes ☐No	☐ Maintenance ☐ Repair ☐ Replacement	
3	Limestone Dome	☒Yes ☐No	☐ Maintenance ☐ Repair ☐ Replacement	Rolling doors is working properly.
4	Agremax Pile Gabion Wall	☒Yes ☐No	☐ Maintenance ☐ Repair ☐ Replacement	Gabion walls were installed and a gap zone of 10 ft is maintained.
5	Oil Separator Heavy Equipment Shop	☒Yes ☐No	☐ Maintenance ☐ Repair ☐ Replacement	Oil separator pumps are in operation.
6	Fuel Oil Secondary Containment	☒Yes ☐No	☐ Maintenance ☐ Repair ☐ Replacement	Secondary containment is clean and maintained.
7	Oil Drum Storage Shed	☒Yes ☐No	☐ Maintenance ☐ Repair ☐ Replacement	Rolling doors are working properly. Oil drums are stored inside the shed.
8	Soda Ash Secondary Containment	☒Yes ☐No	☐ Maintenance ☐ Repair ☐ Replacement	
9	Acid/Caustic Secondary	☒Yes ☐No	☐ Maintenance	

	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)
	Containment		❑ Repair ❑ Replacement	
10	Marine Dock Wash Holding Tank	☒Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	Marine dock area cleaned after coal shipment ends.
11	Limestone Feeder Silos	☒Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	The structural BMP is in operation.
12	Secondary containment at ESP floor	☒Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	A structural berm was installed at both ESP units to avoid material reach storm water conveyance system.
13	Geotextile material	☒Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	Geotextile materials were installed at steep slope in different areas.
14	Diversion Wall for TAPI Storm Water	☒Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	Diversion wall is in good condition. No pollutants were found.

Areas of Industrial Materials or Activities exposed to stormwater

Below are some general areas that should be assessed during routine inspections. Customize this list as needed for the specific types of industrial materials or activities at your facility.

	Area/Activity	Inspected?	Controls Adequate (appropriate, effective, and operating)?	Corrective Action Needed and Notes
1	**Material loading/unloading and storage areas (Agremax, Limestone, Coal Storages)**	☒Yes ❑No ❑ N/A	☒Yes ❑No	A permanent wheel washer was constructed and is in operation.
2	**Heavy Equipment operations and maintenance areas**	☒Yes ❑No ❑ N/A	☒Yes ❑No	
3	**Fueling areas (Heavy Equipment Fueling and Storage Tank Unloading)**	☒Yes ❑No ❑ N/A	☒Yes ❑No	
4	**Outdoor vehicle and equipment washing areas**	☒Yes ❑No ❑ N/A	☒Yes ❑No	
5	**Waste handling and disposal areas**	☒Yes ❑No ❑ N/A	☒Yes ❑No	Roll over covers were installed in all waste containers.
6	**Erodible (Coal Pile, Agremax Pile)**	☒Yes ❑No ❑ N/A	☒Yes ❑No	Controls for erodible was installed using super silt fence around the inactive coal pile. Gabion sediment trap was installed around the Agremax pile.
7	**Non-stormwater/ illicit connections**	☒Yes ❑No ❑ N/A	☒Yes ❑No	No illicit connection was found.
8	**Dust generation and vehicle tracking**	☒Yes ❑No ❑ N/A	☒Yes ❑No	Water truck is used on all facilities roads to avoid tracking. Sprinkles are used on aggregate piles to avoid dust.
9	**Water Treatment Area**	☒Yes ❑No ❑ N/A	☒Yes ❑No	Secondary containment at cooling tower and back side of water treatment building was installed as part of the project scope and is operational.

	Area/Activity	Inspected?	Controls Adequate (appropriate, effective, and operating)?	Corrective Action Needed and Notes
10	**Power Block Area**	☒Yes ☐No ☐ N/A	☒Yes ☐No	Secondary containment for the urea mixing and loading area is in operation.
11	**Administration Building Area**	☒Yes ☐No ☐ N/A	☒Yes ☐No	
12	**2 Million and 18 Million Pond Area**	☒Yes ☐No ☐ N/A	☒Yes ☐No	Outside storm water diverter channel at north east of the facility was completed.
13	**Marine Dock Area**	☒Yes ☐No ☐ N/A	☒Yes ☐No	
14	**Stormwater Sample Point 002**	☒Yes ☐No ☐ N/A	☒Yes ☐No	Automatic sampler was installed and calibrated.
15	**Stormwater Sample Point 003A**	☒Yes ☐No ☐ N/A	☒Yes ☐No	Automatic sampler was installed and calibrated.
16	**Stormwater Sample Point 003B**	☐Yes ☐No ☒N/A	☐Yes ☐No	This storm water sample point was eliminated since the constructions of structural BMP are completed in this area.
17	**Stormwater Sample Point 004**	☒Yes ☐No ☐ N/A	☒Yes ☐No	

Non-Compliance

Describe any incidents of non-compliance observed and not described above:

Additional Control Measures

Describe any additional control measures needed to comply with the permit requirements:

Notes

Use this space for any additional notes or observations from the inspection:

CERTIFICATION STATEMENT

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Print name and title: Héctor M. Ávila / Environmental Coordinator

Signature:  **Date:** December 20,2013

Appendix 3

Administrative Compliance Order
AES-PR Coal Fired Power Plant
Docket Number CWA-02-2012-3100

Benchmark Monitoring
December 2013

Benchmark Monitoring Results

Summary Table

*Receiving water hardness > 250 mg/L

Parameter	Benchmark Values	Outfall 002	Outfall 003A	Outfall 003B	Outfall 004
		October 08, 2013	October 08, 2013	-	October 08, 2013
Aluminum	0.75	**93.6**	**2.49**	-	**11.1**
Iron	1.0	**116**	**2.41**	-	**13.2**
Lead	0.262*	0.008	0.004	-	0.007
Zinc	0.26*	**0.272**	0.171	-	0.082

Note: Outfall 003B was not sampled - not enough rainfall to produce a discharge.
All results in mg/L; **bold numbers** indicate results over benchmark values.

Benchmark Monitoring Results Data Table

Parameter	Benchmark Values	Outfall 002		Outfall 003A	Outfall 003B	Outfall 004	
Sample Date		06-Feb-12	19-Mar-12		19-Mar-12	06-Feb-12	19-Mar-12
Aluminum	0.75	**247**	**11.0**	**N/A**	**52.3**	**2.52**	0.508
Iron	1	**111**	**2.86**	**N/A**	**57.6**	**3.03**	0.818
Lead	0.262*	**0.287**	0.012	**N/A**	0.069	0.010	<0.002
Zinc	0.26*	**1.4**	0.089	**N/A**	**1.16**	0.202	0.103
Sample Date			10-May-12	10-May-12	10-May-12		10-May-12
Aluminum	0.75		**28.0**	**24.4**	**2.36**		**2.82**
Iron	1		**25.2**	**29.1**	**2.76**		**3.83**
Lead	0.262*		0.041	0.026	0.003		0.007
Zinc	0.26*		0.135	**0.265**	0.093		**0.348**
Sample Date			20-Jul-12	20-Jul -12	20-Jul -12		20-Jul -12
Aluminum	0.75		**54.8**	**8.48**	**10.9**		**1.57**
Iron	1		**63.9**	**11.8**	**12.9**		**1.60**
Lead	0.262*		0.044	0.008	0.010		0.005
Zinc	0.26*		**0.302**	0.095	0.222		0.211
Sample Date							03-Dec-12
Aluminum	0.75		**N/A**	**N/A**	**N/A**		**40.6**
Iron	1		**N/A**	**N/A**	**N/A**		**43.6**
Lead	0.262*		**N/A**	**N/A**	**N/A**		0.058
Zinc	0.26*		**N/A**	**N/A**	**N/A**		0.178
Sample Date			01-Feb-13		01-Feb-13		01-Feb-13
Aluminum	0.75		**146**	**N/A**	**34.4**		**4.62**
Iron	1		**180**	**N/A**	**41.4**		**5.23**
Lead	0.262*		**0.693**	**N/A**	**0.625**		0.145
Zinc	0.26*		**0.588**	**N/A**	**0.431**		0.231
Sample Date			08-May-13	22-May-13	08-May-13		08-May-13
Aluminum	0.75		**61.6**	**3.84**	**0.812**		**1.36**
Iron	1		**14.1**	**4.31**	0.750		**1.17**
Lead	0.262*		0.108	0.008	0.002		0.003
Zinc	0.26*		**0.328**	0.110	0.073		0.243

BECKTON ENVIRONMENTAL

LABORATORIES, INC.

REPORT OF ANALYSIS

ATTENTION: Mr. Héctor Ávila
COMPANY: AES Puerto Rico - Guayama

DATE: November 12, 2013

CONTRACT: AES – Guayama

LAB. SAMPLE ID: BEL-1305160
SAMPLE COLLECTED BY: Client (H. Ávila)
DATE RECEIVED: 10/18/13

SAMPLE DATE: 10/08/13
TIME: 8:20AM

DESCRIPTION: Stormwater 002
LAB. FILE ID: 1305160
MATRIX: Water

PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1305160	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
Hardness, Total	SM 2340 C*	Grab	mg/L	850.	3.50	GN	10/31/13
Aluminum	200.7(ICAP)	Grab	mg/L	93.6	0.050^	BTR	10/22/13
Iron	200.7(ICAP)	Grab	mg/L	116.	0.050^	BTR	10/22/13
Lead	200.7(ICAP)	Grab	mg/L	0.008	0.001	BTR	10/22/13
Zinc	200.7(ICAP)	Grab	mg/L	0.272	0.001	BTR	10/22/13

*Standard Methods for the Examination of Water and Waste Water, 19th Edition, 1995.
^Dilution Factor: 5

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Lcda. Iris M. Chévere Alfonso
Laboratory Director
Chemist License 2370

M. Chévere Alfonso Lic. # 2370

Attachment: Chain of Custody Record

192 VILLA STREET • PONCE, PR 00730-4875 • TEL. (787) 841-7373 • FAX (787) 841-7313

BECKTON ENVIRONMENTAL LABORATORIES
192 Villa Street • Ponce, P.R. 00730-1875
Tel. 787-841-7373 • Fax 787-841-7313

REVISION 2009

CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY: AES Guayama	SAMPLER: H. Avila	
SAMPLE LOCATION/CLIENT ID	stormwater 002	TIME: 8:20 AM PM	CONTROL NO. 167581
SAMPLE DATE	10-8-13	BEL. NO. 1305160	

1. General Environmental.		PC	VSS			PC
Acidity	( )	—	Alkalinity	( )		—
Ammonia as N	( )	—	Bicarbonate	( )		—
BOD-5	( )	—	Bromide	( )		—
Chloride	( )	—	Chlorine, Res.	( )		—
COD	( )	—	Color (ADMI)	( )		—
Conductivity µmios/cm	( )	—	Color (Pt-Co)	( )		—
Dissolved Oxygen	( )	—	Cyanide	( )		—
Hardness	(X)	13	Fluoride	( )		—
Moisture %	( )	—	Iodide	( )		—
Nitrite	( )	—	Nitrate	( )		—
Oil+Grease	( )	—	Nitrate + Nitrite	( )		—
Phenol	( )	—	pH, S.U.	( )		—
Phosphorus, Total	( )	—	Phosphate, Ortho	( )		—
Sett Solids mg/L	( )	—	Sett. Solids mL/L	( )		—
Sulfate	( )	—	Solids, Total	( )		—
Sulfite	( )	—	Sulfide	( )		—
TDS	( )	—	Surfactant	( )		—
Temperature, °C	( )	—	TSS	( )		—
TOC	( )	—	TKN	( )		—
Asbestos	( )	—	Turbidity	( )		—
TVS	( )	—	Carbonate	( )		—
Total Nitrogen	( )	—				
2. Metals:						
Aluminum (Al)	(X)	13	Cadmium (Cd)	( )		—
Chromium (Cr)	( )	—	Copper (Cu)	( )		—
Iron (Fe)	(X)	13	Lead (Pb)	(X)		13
Manganese (Mn)	( )	—	Mercury (Hg)	( )		—
Nickel (Ni)	( )	—	Selenium (Se)	( )		—
Silver (Ag)	( )	—	Tin (Sn)	( )		—
Zinc (Zn)	(X)	13	Arsenic (As)	( )		—
Barium (Ba)	( )	—	Boron (B)	( )		—
Antimony (Sb)	( )	—	Beryllium (Be)	( )		—
Bismuth (Bi)	( )	—	Calcium (Ca)	( )		—
Chromium, VI (CrVI)	( )	—	Cobalt (Co)	( )		—
Magnesium (Mg)	( )	—	Molybdenum (Mo)	( )		—
Potassium (K)	( )	—	Silicon (Si)	( )		—
Sodium (Na)	( )	—	Strontium (Sr)	( )		—
Thallium (Tl)	( )	—	Titanium (Ti)	( )		—
Vanadium (V)	( )	—	Lithium (Li)	( )		—
3. RCRA/Hazardous wastes						
Ignitability (Flash Pt.)	( )	—	Corrosivity	( )		—
Reactivity (CN & S)	( )	—	TCLP	( )		—
RCRA Metals	( )	—	Organics-Pest/Herb	( )		—
Organics-BNA	( )	—	Organics-VOA	( )		—
TOX	( )	—				
4. Specific Organics			Phenols GC	( )		—
Volatiles	( )	—	Semi-Volitiles (BNA)	( )		—
Pesticides/PCB's	( )	—	PCB's Only	( )		—
Herbicides	( )	—	TPH 418.1	( )		—
BTEX	( )	—	TTO	( )		—
TTO & Dioxin	( )	—	TPH 8015	( )		—
			Lindane	( )		—
5. Microbiology						
Fecal Coliform	( )	—	Total Coliform	( )		—

Comments: _____

Sampling Witness; _____
Date/Time: _____
Relinquished by: _____
Date/Time: 10/18/13 8:46 am
Received by: _____
Date/Time: 10/18/13 8:46 Am
Relinquished by: _____
Date/Time: 10-18-13 11:30 AM
Received by: _____
Date/Time: 10/18/13 11:30am
Relinquished by: _____
Date/Time: _____
Received by: _____
Date/Time: _____

Matrix

air	( )	water	(X)	sludge	( )
liquid	( )	soil	( )	solid	( )
oil	( )	mixed	( )	other	( )

Specify: _____

Preservative Codes = PC

1. Cool, <6° C	6. Sodium Hydroxide(NaOH)
2. Sulfuric Acid (H_2SO_4) pH<2	7. Zinc Acetate
3. Nitric Acid (HNO_3), pH<2	8. Ascorbic Acid
4. Hydrochloric acid (HCl)	9. FAS
5. Sodium Thiosulfate	10. Other

Sample type legend:

grab samples	x
composite samples	xx

Turnaround time:

1 day	( )
2 days	( )
3 days	( )
5 days	( )

Sampling Equipment:

Automatic Sampler	( )
Sample Pick Up	( )

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders.

ORIGINAL

BECKTON ENVIRONMENTAL

LABORATORIES, INC.

REPORT OF ANALYSIS

ATTENTION: Mr. Héctor Ávila
COMPANY: AES Puerto Rico - Guayama

DATE: November 12, 2013

CONTRACT: AES – Guayama

LAB. SAMPLE ID: BEL-1305161
SAMPLE COLLECTED BY: Client (H. Ávila)
DATE RECEIVED: 10/18/13

SAMPLE DATE: 10/08/13
TIME: 08:35AM

DESCRIPTION: Stormwater 003A
LAB. FILE ID: 1305161
MATRIX: Water

PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1305161	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
Hardness, Total	SM 2340 C*	Grab	mg/L	68.0	3.50	GN	10/31/13
Aluminum	200.7(ICAP)	Grab	mg/L	2.49	0.010	BTR	10/22/13
Iron	200.7(ICAP)	Grab	mg/L	2.41	0.010	BTR	10/22/13
Lead	200.7(ICAP)	Grab	mg/L	0.004	0.001	BTR	10/22/13
Zinc	200.7(ICAP)	Grab	mg/L	0.171	0.001	BTR	10/22/13

*Standard Methods for the Examination of Water and Waste Water, 19th Edition, 1995.

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Lcda. Iris M. Chévere Alfonzo
Laboratory Director
Chemist License 2370

Iris M. Chévere Alfonzo Lic. # 2370

Attachment: Chain of Custody Records (1)

THE NELAC CERTIFIED ANALYSES MEET ALL REQUIREMENTS OF NELAC STANDARDS.
REFER OUR SERVICE DEPARTMENT FOR THE CURRENT LIST OF CERTIFIED ANALYSES.
CERTIFIED BY THE STATE OF FLORIDA DEPARTMENT OF HEALTH AND REHABILITATION SERVICES FOR ENVIRONMENTAL TESTING
• CERTIFICATION NUMBER E87556 •
192 VILLA STREET • PONCE, PR 00730-4875 • TEL. (787) 841-7373 • FAX (787) 841-7313

BECKTON ENVIRONMENTAL LABORATORIES
192 Villa Street • Ponce, P.R. 00730-4875
Tel. 787-841-7373 • Fax 787-841-7313

REVISION 2009

CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY AES Guayama	SAMPLER A. Avila
SAMPLE LOCATION/CLIENT ID	Stormwater 003A	TIME 08:35 AM/PM
SAMPLE DATE	10-8-13	BEL. NO. 1305161

CONTROL NO. 167580

1. General Environmental:		PC	VSS		PC
Acidity	( )		Alkalinity	( )	
Ammonia as N	( )		Bicarbonate	( )	
BOD-5	( )		Bromide	( )	
Chloride	( )		Chlorine, Res.	( )	
COD	( )		Color (ADMI)	( )	
Conductivity µmhos/cm	( )		Color (Pt-Co)	( )	
Dissolved Oxygen	( )		Cyanide	( )	
Hardness	(X)	1,3	Fluoride	( )	
Moisture %	( )		Iodide	( )	
Nitrite	( )		Nitrate	( )	
Oil+Grease	( )		Nitrate + Nitrite	( )	
Phenol	( )		pH, S.U.	( )	
Phosphorus, Total	( )		Phosphate, Ortho	( )	
Sett Solids mg/L	( )		Sett. Solids mL/L	( )	
Sulfate	( )		Solids, Total	( )	
Sulfite	( )		Sulfide	( )	
TDS	( )		Surfactant	( )	
Temperature, °C	( )		TSS	( )	
TOC	( )		TKN	( )	
Asbestos	( )		Turbidity	( )	
TVS	( )		Carbonate	( )	
Total Nitrogen	( )				

2. Metals:							
Aluminum	(Al)	(X)	1,3	Cadmium	(Cd)	( )	
Chromium	(Cr)	( )		Copper	(Cu)	( )	
Iron	(Fe)	(X)	1,3	Lead	(Pb)	(X)	1,3
Manganese	(Mn)	( )		Mercury	(Hg)	( )	
Nickel	(Ni)	( )		Selenium	(Se)	( )	
Silver	(Ag)	( )		Tin	(Sn)	( )	
Zinc	(Zn)	(X)	1,3	Arsenic	(As)	( )	
Barium	(Ba)	( )		Boron	(B)	( )	
Antimony	(Sb)	( )		Beryllium	(Be)	( )	
Bismuth	(Bi)	( )		Calcium	(Ca)	( )	
Chromium, VI	(CrVI)	( )		Cobalt	(Co)	( )	
Magnesium	(Mg)	( )		Molybdenum	(Mo)	( )	
Potassium	(K)	( )		Silicon	(Si)	( )	
Sodium	(Na)	( )		Strontium	(Sr)	( )	
Thallium	(Tl)	( )		Titanium	(Ti)	( )	
Vanadium	(V)	( )		Lithium	(Li)	( )	

3. RCRA/Hazardous wastes				
Ignitability (Flash Pt.)	( )		Corrosivity	( )
Reactivity (CN & S)	( )		TCLP	( )
RCRA Metals	( )		Organics-Pest/Herb	( )
Organics-BNA	( )		Organics-VOA	( )
TOX	( )			

4. Specific Organics				
Volatiles	( )		Phenols GC	( )
Pesticides/PCB's	( )		Semi-Volitiles (BNA)	( )
Herbicides	( )		PCB's Only	( )
BTEX	( )		TPH 418.1	( )
TTO & Dioxin	( )		TTO	( )
			TPH 8015	( )
			Lindane	( )

5. Microbiology				
Fecal Coliform	( )		Total Coliform	( )

Comments:

Sampling Witness;
Date/Time:
Relinquished by:
Date/Time: 10/18/13 8:46 am
Received by:
Date/Time: 10/18/13 8:46 AM
Relinquished by:
Date/Time: 10-18-13 11:30 AM
Received by:
Date/Time: 10/18/13 11:30 am
Relinquished by:
Date/Time:
Received by:
Date/Time:

Matrix

air	( )	water	(X)	sludge	( )
liquid	( )	soil	( )	solid	( )
oil	( )	mixed	( )	other	( )

Specify:

Preservative Codes = PC

1. Cool, <6° C	6. Sodium Hydroxide(NaOH)
2. Sulfuric Acid (H_2SO_4) pH<2	7. Zinc Acetate
3. Nitric Acid (HNO_3), pH<2	8. Ascorbic Acid
4. Hydrochloric acid (HCl)	9. FAS
5. Sodium Thiosulfate	10. Other

Sample type legend:

grab samples	x
composite samples	xx

Turnaround time:

1 day	( )
2 days	( )
3 days	( )
5 days	( )

Sampling Equipment:

Automatic Sampler	( )
Sample Pick Up	( )

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders.

ORIGINAL

BECKTON ENVIRONMENTAL

LABORATORIES, INC.

ACCREDITED IN ACCORDANCE WITH nelac

REPORT OF ANALYSIS

ATTENTION: Mr. Héctor Ávila
COMPANY: AES Puerto Rico - Guayama

DATE: November 12, 2013

CONTRACT: AES – Guayama

LAB. SAMPLE ID: BEL-1305162
SAMPLE COLLECTED BY: Client (H. Ávila)
DATE RECEIVED: 10/18/13

SAMPLE DATE: 10/08/13
TIME: 8:42AM

DESCRIPTION: Stormwater 004
LAB. FILE ID: 1305162
MATRIX: Water

PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1305162	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
Hardness, Total	SM 2340 C*	Grab	mg/L	332.	3.50	GN	10/31/13
Aluminum	200.7(ICAP)	Grab	mg/L	11.1	0.010	BTR	10/22/13
Iron	200.7(ICAP)	Grab	mg/L	13.2	0.010	BTR	10/22/13
Lead	200.7(ICAP)	Grab	mg/L	0.007	0.001	BTR	10/22/13
Zinc	200.7(ICAP)	Grab	mg/L	0.082	0.001	BTR	10/22/13

*Standard Methods for the Examination of Water and Waste Water, 19th Edition, 1995.

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in this Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results relate only to the sample submitted.

Lcda. Iris M. Chévere Alfonzo
Laboratory Director
Chemist License 2370

Iris M. Chévere Alfonzo
Lic. N° 2370

Attachment: Chain of Custody Records (1)

THE NELAC CERTIFIED ANALYSES MEET ALL REQUIREMENTS OF NELAC STANDARDS.
REFER OUR SERVICE DEPARTMENT FOR THE CURRENT LIST OF CERTIFIED ANALYSES.
CERTIFIED BY THE STATE OF FLORIDA DEPARTMENT OF HEALTH AND REHABILITATION SERVICES FOR ENVIRONMENTAL TESTING
• CERTIFICATION NUMBER E87556 •
192 VILLA STREET • PONCE, PR 00730-4875 • TEL. (787) 841-7373 • FAX (787) 841-7313

BECKTON ENVIRONMENTAL LABORATORIES
192 Villa Street • Ponce, P.R. 00730-4875
Tel. 787-841-7373 • Fax 787-841-7313

REVISION 2009

CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY: AES Guayama	SAMPLER: H. Avila
SAMPLE LOCATION/CLIENT ID	Stormwater 004	TIME: 8:42 AM/PM
SAMPLE DATE	10-8-13	BEL. NO: 1305162
		CONTROL NO.: 167582

1. General Environmental:		PC	VSS		PC
Acidity	( )	—	Alkalinity	( )	—
Ammonia as N	( )	—	Bicarbonate	( )	—
BOD-5	( )	—	Bromide	( )	—
Chloride	( )	—	Chlorine, Res.	( )	—
COD	( )	—	Color (ADMI)	( )	—
Conductivity µmhos/cm	( )	—	Color (Pt-Co)	( )	—
Dissolved Oxygen	( )	—	Cyanide	( )	—
Hardness	(X)	1,3	Fluoride	( )	—
Moisture %	( )	—	Iodide	( )	—
Nitrite	( )	—	Nitrate	( )	—
Oil+Grease	( )	—	Nitrate + Nitrite	( )	—
Phenol	( )	—	pH, S.U.	( )	—
Phosphorus, Total	( )	—	Phosphate, Ortho	( )	—
Sett Solids mg/L	( )	—	Sett. Solids mL/L	( )	—
Sulfate	( )	—	Solids, Total	( )	—
Sulfite	( )	—	Sulfide	( )	—
TDS	( )	—	Surfactant	( )	—
Temperature, °C	( )	—	TSS	( )	—
TOC	( )	—	TKN	( )	—
Asbestos	( )	—	Turbidity	( )	—
TVS	( )	—	Carbonate	( )	—
Total Nitrogen	( )	—			

2. Metals:							
Aluminum	(Al)	(X)	1,3	Cadmium	(Cd)	( )	—
Chromium	(Cr)	( )	—	Copper	(Cu)	( )	—
Iron	(Fe)	(X)	1,3	Lead	(Pb)	(X)	1,3
Manganese	(Mn)	( )	—	Mercury	(Hg)	( )	—
Nickel	(Ni)	( )	—	Selenium	(Se)	( )	—
Silver	(Ag)	( )	—	Tin	(Sn)	( )	—
Zinc	(Zn)	(X)	1,3	Arsenic	(As)	( )	—
Barium	(Ba)	( )	—	Boron	(B)	( )	—
Antimony	(Sb)	( )	—	Beryllium	(Be)	( )	—
Bismuth	(Bi)	( )	—	Calcium	(Ca)	( )	—
Chromium, VI	(CrVI)	( )	—	Cobalt	(Co)	( )	—
Magnesium	(Mg)	( )	—	Molybdenum	(Mo)	( )	—
Potassium	(K)	( )	—	Silicon	(Si)	( )	—
Sodium	(Na)	( )	—	Strontium	(Sr)	( )	—
Thallium	(Tl)	( )	—	Titanium	(Ti)	( )	—
Vanadium	(V)	( )	—	Lithium	(Li)	( )	—

3. RCRA/Hazardous wastes				
Ignitability (Flash Pt.)	( )	—	Corrosivity	( ) —
Reactivity (CN & S)	( )	—	TCLP	( ) —
RCRA Metals	( )	—	Organics-Pest/Herb	( ) —
Organics-BNA	( )	—	Organics-VOA	( ) —
TOX	( )	—		

4. Specific Organics				
Volatiles	( )	—	Phenols GC	( ) —
Pesticides/PCB's	( )	—	Semi-Volitiles (BNA)	( ) —
Herbicides	( )	—	PCB's Only	( ) —
BTEX	( )	—	TPH 418.1	( ) —
TTO & Dioxin	( )	—	TTO	( ) —
			TPH 8015	( ) —
			Lindane	( ) —
5. Microbiology				
Fecal Coliform	( )	—	Total Coliform	( ) —

Comments: _____

ORIGINAL

Sampling Witness; _____
Date/Time: _____
Relinquished by: _____
Date/Time: 10/18/13 5:45 pm
Received by: _____
Date/Time: 10-18-13 8:46 Am
Relinquished by: _____
Date/Time: 10-18-13 11:30 Am
Received by: _____
Date/Time: 10/18/13 11:30 am
Relinquished by: _____
Date/Time: _____
Received by: _____
Date/Time: _____

Matrix

air	( )	water	(X)	sludge	( )
liquid	( )	soil	( )	solid	( )
oil	( )	mixed	( )	other	( )

Specify: _____

Preservative Codes = PC

1. Cool, <6° C
2. Sulfuric Acid (H_2SO_4) pH<2
3. Nitric Acid (HNO_3), pH<2
4. Hydrochloric acid (HCl)
5. Sodium Thiosulfate
6. Sodium Hydroxide(NaOH)
7. Zinc Acetate
8. Ascorbic Acid
9. FAS
10. Other

Sample type legend:

grab samples x
composite samples xx

Turnaround time:

1 day ( )
2 days ( )
3 days ( )
5 days ( )

Sampling Equipment:

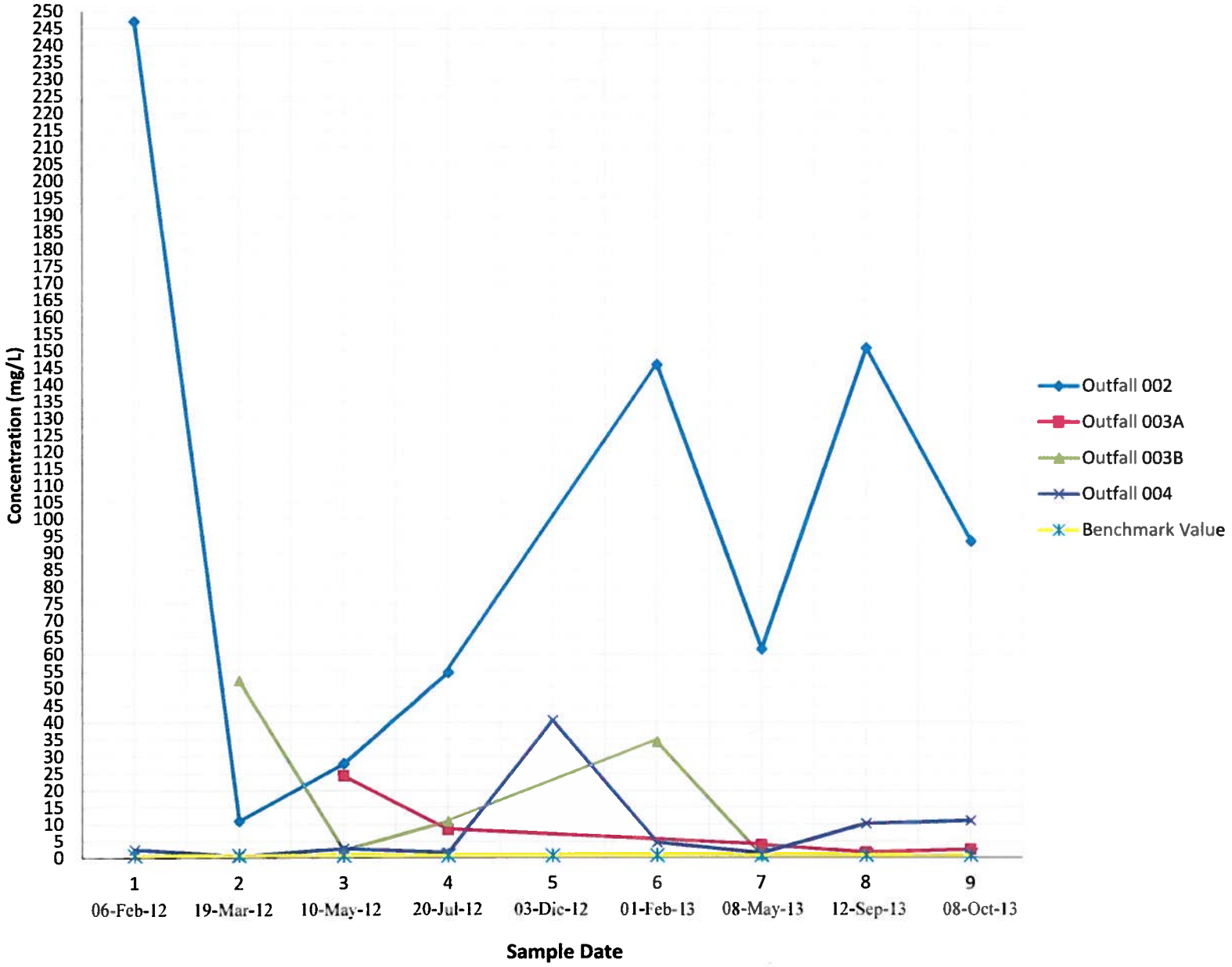
Automatic Sampler ( )
Sample Pick Up ( )

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders.

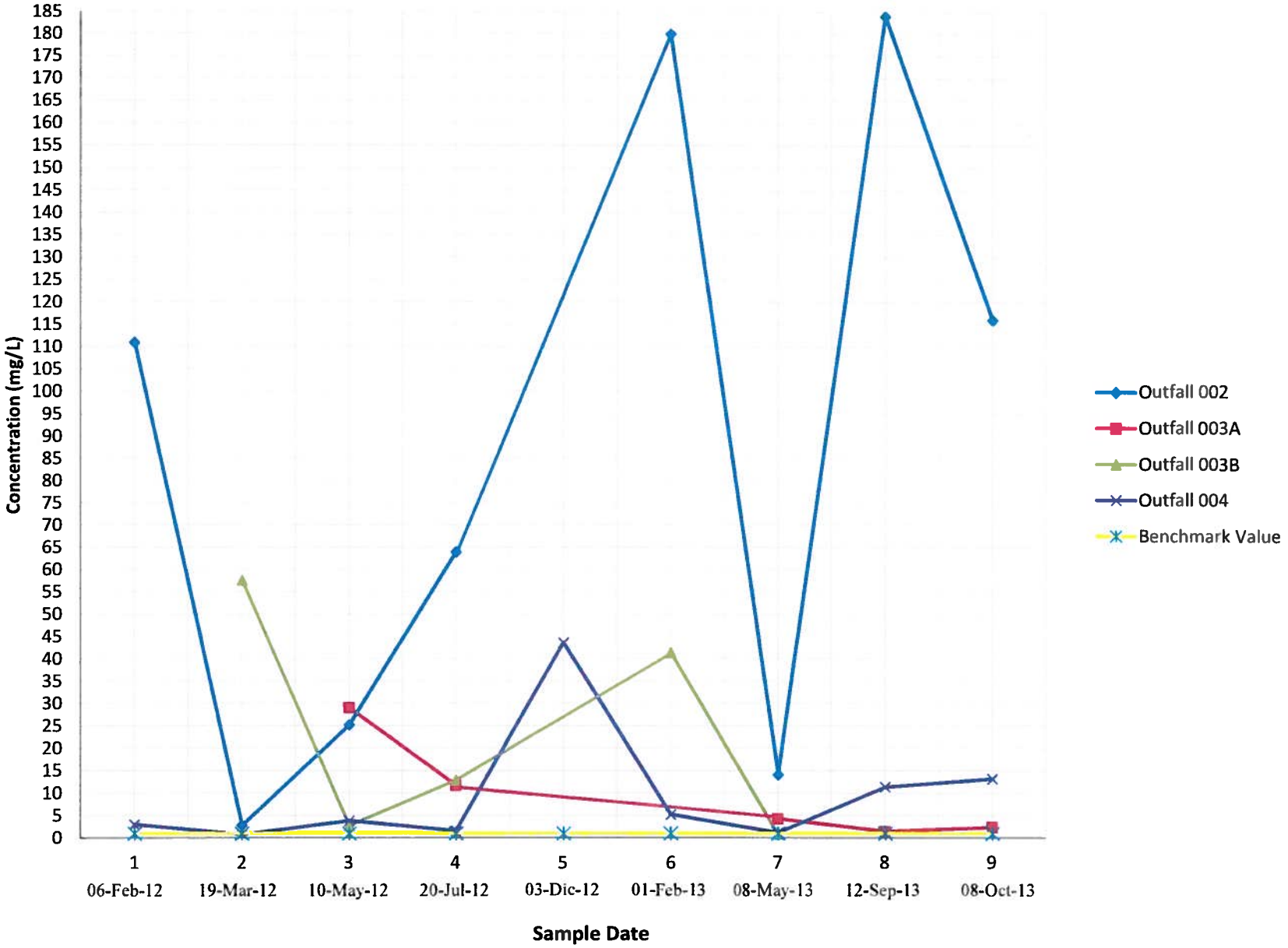
Sample Date			12-Sep-13	12-Sep-13			12-Sep-13
Aluminum	0.75		**151**	**1.62**			**10.2**
Iron	1		**184**	**1.48**			**11.4**
Lead	0.262*		**0.025**	0.010			0.016
Zinc	0.26*		**0.675**	0.021			0.175
Sample Date			08-Oct-13	08-Oct-13			08-Oct-13
Aluminum	0.75		**93.6**	**2.49**			**11.1**
Iron	1		**116**	**2.41**			**13.2**
Lead	0.262*		0.008	0.004			0.007
Zinc	0.26*		**0.272**	0.171			0.082

Note: All results in mg/L; **bold numbers** indicate results over benchmark values.

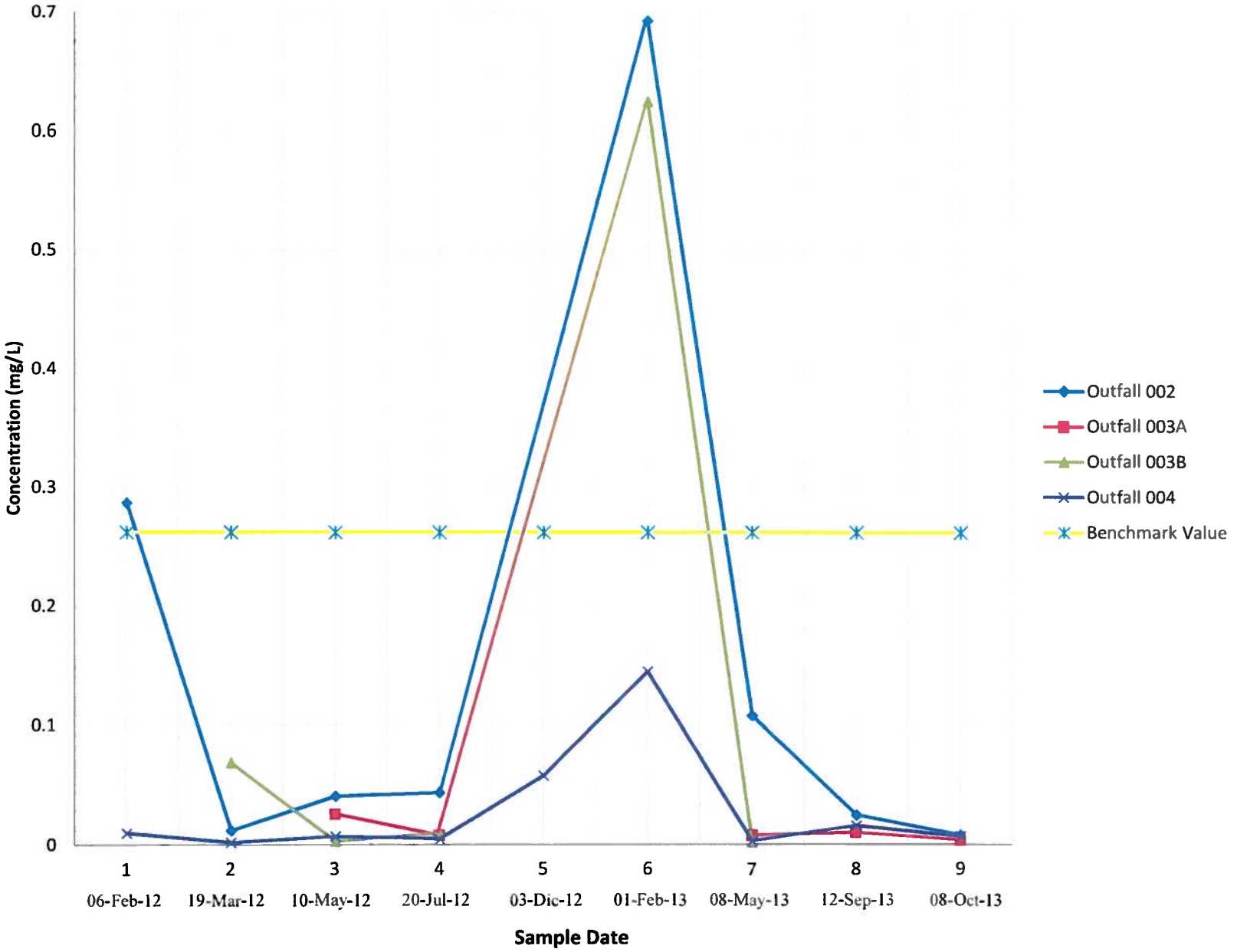
Aluminum


Concentration (mg/L)
250
245
240
235
230
225
220
215
210
205
200
195
190
185
180
175
170
165
160
155
150
145
140
135
130
125
120
115
110
105
100
95
90
85
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
1
06-Feb-12
2
19-Mar-12
3
10-May-12
4
20-Jul-12
5
03-Dic-12
6
01-Feb-13
7
08-May-13
8
12-Sep-13
9
08-Oct-13
Sample Date
Outfall 002
Outfall 003A
Outfall 003B
Outfall 004
Benchmark Value

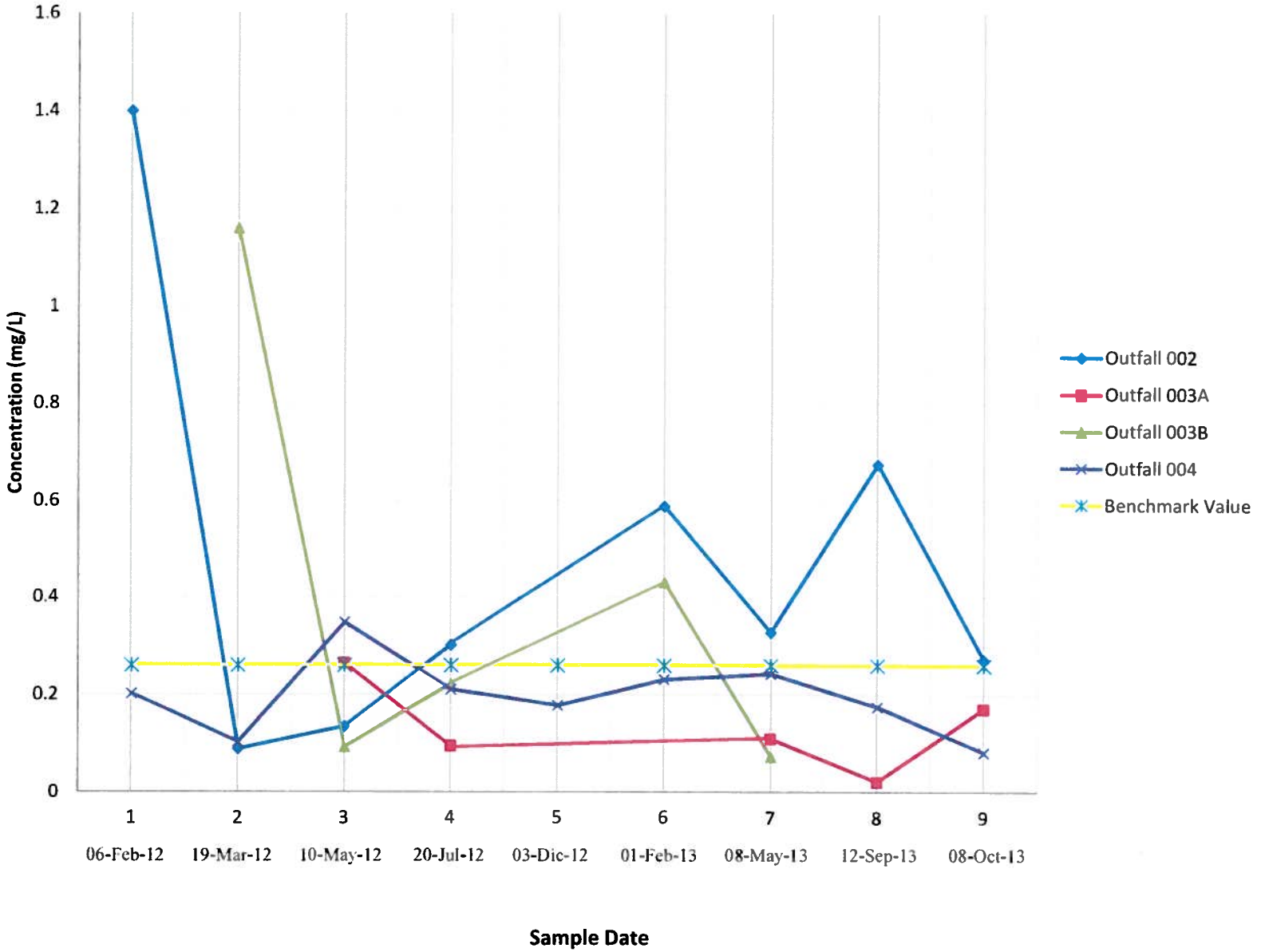
Iron


Concentration (mg/L)
185
180
175
170
165
160
155
150
145
140
135
130
125
120
115
110
105
100
95
90
85
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
1
06-Feb-12
2
19-Mar-12
3
10-May-12
4
20-Jul-12
5
03-Dic-12
6
01-Feb-13
7
08-May-13
8
12-Sep-13
9
08-Oct-13
Sample Date
Outfall 002
Outfall 003A
Outfall 003B
Outfall 004
Benchmark Value

Lead


0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Concentration (mg/L)
1
2
3
4
5
6
7
8
9
06-Feb-12
19-Mar-12
10-May-12
20-Jul-12
03-Dic-12
01-Feb-13
08-May-13
12-Sep-13
08-Oct-13
Sample Date
Outfall 002
Outfall 003A
Outfall 003B
Outfall 004
Benchmark Value

Zinc


1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Concentration (mg/L)
1
2
3
4
5
6
7
8
9
06-Feb-12
19-Mar-12
10-May-12
20-Jul-12
03-Dic-12
01-Feb-13
08-May-13
12-Sep-13
08-Oct-13
Sample Date
Outfall 002
Outfall 003A
Outfall 003B
Outfall 004
Benchmark Value

Appendix 4

Administrative Compliance Order
AES-PR Coal Fired Power Plant
Docket Number CWA-02-2012-3100

Quarterly Visual Assessments
October - December 2013

MSGP Quarterly Visual Assessment Form

(Complete a separate form for each outfall you assess)

Name of Facility: AES PR NPDES Tracking No.

Outfall Name: 004 "Substantially Identical Outfall"? ☐ No ☒ Yes

Person(s)/Title(s) collecting sample: Hector M. Avila / Env. Coordinator

Person(s)/Title(s) examining sample: Hector M Avila / Env. Coordinator 10/8/13

Date & Time Discharge Began: 10/8/13 8:30 A.M.

Date & Time Sample Collected: 10/8/13 8:42 A.M.

Date & Time Sample Examined: 9:15 am **Note: Samples must be examined within an hour.**

Substitute Sample? ☒ No ☐ Yes (identify quarter/year when sample was originally scheduled to be collected)

Nature of Discharge: ☒ Rainfall ☐ Snowmelt

If rainfall: Rainfall Amount: 1.07 inches Previous Storm Ended > 72 hours Before Start of This Storm? ☒ Yes ☐ No* (explain)

Parameter

Color ☒ None ☐ Other (describe):

Odor ☒ None ☐ Musty ☐ Sewage ☐ Sulfur ☐ Sour ☐ Petroleum/Gas _____ ☐ Solvents ☐ Other (describe):

Clarity ☒ Clear ☐ Slightly Cloudy ☐ Cloudy ☐ Opaque ☐ Other

Floating Solids ☒ No ☐ Yes (describe):

Settled Solids** ☒ No ☐ Yes (describe):

Suspended Solids ☒ No ☐ Yes (describe):

Foam (gently shake sample) ☒ No ☐ Yes (describe):

Oil Sheen ☒ None ☐ Flecks ☐ Globs ☐ Sheen ☐ Slick ☐ Other (describe):

Other Obvious Indicators of Stormwater Pollution ☒ No ☐ Yes (describe):

* The 72-hour interval can be waived when the previous storm did not yield a measurable discharge or if you are able to document (attach applicable documentation) that less than a 72-hour interval is representative of local storm events during the sampling period.

** Observe for settled solids after allowing the sample to sit for approximately one-half hour.

Detail any concerns, additional comments, descriptions of pictures taken, and any corrective actions taken below (attach additional sheets as necessary). Insert details

Certification by Facility Responsible Official (Refer to MSGP Subpart 11 Appendix B for Signatory Requirements)

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name: Hector M. Avila B. Title: Environmental Coordinator

C. Signature: [signature] D. Date Signed: 10/8/13

MSGP Quarterly Visual Assessment Form

(Complete a separate form for each outfall you assess)

Name of Facility: AES PR NPDES Tracking No.

Outfall Name: 003A "Substantially Identical Outfall"? ☐ No ☒ Yes

Person(s)/Title(s) collecting sample: Hector M. Avila / Env. Coordinator

Person(s)/Title(s) examining sample: Hector M. Avila / Env. Coordinator

Date & Time Discharge Began: 10/8/13 9:30 A.M.

Date & Time Sample Collected: 10/8/13 8:35 A.M.

Date & Time Sample Examined: 10/8/13 9:10am

Note: Samples must be examined within an hour.

Substitute Sample? ☒ No ☐ Yes (identify quarter/year when sample was originally scheduled to be collected):

Nature of Discharge: ☒ Rainfall ☐ Snowmelt

If rainfall: Rainfall Amount: 1.07 inches Previous Storm Ended > 72 hours Before Start of This Storm? ☒ Yes ☐ No* (explain):

Parameter	
Color	☒ None ☐ Other (describe):
Odor	☒ None ☐ Musty ☐ Sewage ☐ Sulfur ☐ Sour ☐ Petroleum/Gas _____ ☐ Solvents ☐ Other (describe):
Clarity	☐ Clear ☒ Slightly Cloudy ☐ Cloudy ☐ Opaque ☐ Other
Floating Solids	☒ No ☐ Yes (describe):
Settled Solids**	☐ No ☒ Yes (describe): Soil
Suspended Solids	☐ No ☒ Yes (describe): Soil
Foam (gently shake sample)	☒ No ☐ Yes (describe):
Oil Sheen	☒ None ☐ Flecks ☐ Globs ☐ Sheen ☐ Slick ☐ Other (describe):
Other Obvious Indicators of Stormwater Pollution	☒ No ☐ Yes (describe):

* The 72-hour interval can be waived when the previous storm did not yield a measurable discharge or if you are able to document (attach applicable documentation) that less than a 72-hour interval is representative of local storm events during the sampling period.

** Observe for settled solids after allowing the sample to sit for approximately one-half hour.

Detail any concerns, additional comments, descriptions of pictures taken, and any corrective actions taken below (attach additional sheets as necessary). Insert details

Certification by Facility Responsible Official (Refer to MSGP Subpart 11 Appendix B for Signatory Requirements)

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name: Hector M. Avila

B. Title: Environmental Coordinator

C. Signature:

D. Date Signed: 10/8/13

MSGP Quarterly Visual Assessment Form

(Complete a separate form for each outfall you assess)

Name of Facility: AES PR NPDES Tracking No.

Outfall Name: 002 "Substantially Identical Outfall"? ☐ No ☒ Yes

Person(s)/Title(s) collecting sample: Hector M Avila / Env. Coordinator

Person(s)/Title(s) examining sample: Hector M Avila / Env. Coordinator

Date & Time Discharge Began: 10/8/13 8:20 am **Date & Time Sample Collected:** 10/8/13 8:20 am **Date & Time Sample Examined:** 10/8/13 9:00 a.m. **Note: Samples must be examined within an hour.**

Substitute Sample? ☒ No ☐ Yes (identify quarter/year when sample was originally scheduled to be collected):

Nature of Discharge: ☒ Rainfall ☐ Snowmelt

If rainfall: Rainfall Amount: 1.07 inches Previous Storm Ended > 72 hours Before Start of This Storm? ☒ Yes ☐ No* (explain):

Parameter

Color ☐ None ☒ Other (describe): Brown

Odor ☒ None ☐ Musty ☐ Sewage ☐ Sulfur ☐ Sour ☐ Petroleum/Gas _____ ☐ Solvents ☐ Other (describe):

Clarity ☐ Clear ☒ Slightly Cloudy ☐ Cloudy ☐ Opaque ☐ Other

Floating Solids ☒ No ☐ Yes (describe):

Settled Solids** ☐ No ☒ Yes (describe): Soil

Suspended Solids ☐ No ☒ Yes (describe): Soil

Foam (gently shake sample) ☒ No ☐ Yes (describe):

Oil Sheen ☒ None ☐ Flecks ☐ Globs ☐ Sheen ☐ Slick ☐ Other (describe):

Other Obvious Indicators of Stormwater Pollution ☐ No ☐ Yes (describe):

* The 72-hour interval can be waived when the previous storm did not yield a measurable discharge or if you are able to document (attach applicable documentation) that less than a 72-hour interval is representative of local storm events during the sampling period.

** Observe for settled solids after allowing the sample to sit for approximately one-half hour.

Detail any concerns, additional comments, descriptions of pictures taken, and any corrective actions taken below (attach additional sheets as necessary). Insert details

Certification by Facility Responsible Official (Refer to MSGP Subpart 11 Appendix B for Signatory Requirements)

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name: Hector M Avila B. Title: Environmental Coordinator

C. Signature: [signature] D. Date Signed: 10/8/13

Appendix 5

Administrative Compliance Order
AES-PR Coal Fired Power Plant
Docket Number CWA-02-2012-3100

Rainfall Data
November - December 2013

Date	Time	Temp Out	Out Hum	Wind Speed	Wind Dir	Bar	Rain	Rain Rate
12/1/2013	12:15 AM	75.2	86	2	ESE	29.92	0	0
12/1/2013	12:30 AM	74.1	89	0	ESE	29.916	0	0
12/1/2013	12:45 AM	74.9	90	0	ESE	29.915	0	0
12/1/2013	1:00 AM	74.8	91	3	ESE	29.917	0	0
12/1/2013	1:15 AM	74.9	91	0	ESE	29.912	0	0
12/1/2013	1:30 AM	75.4	90	1	ESE	29.91	0	0
12/1/2013	1:45 AM	75.2	89	1	ESE	29.899	0	0
12/1/2013	2:00 AM	74.8	89	2	ESE	29.9	0	0
12/1/2013	2:15 AM	74.9	89	2	ESE	29.895	0	0
12/1/2013	2:30 AM	75.4	89	1	ESE	29.892	0	0
12/1/2013	2:45 AM	75.2	89	2	ESE	29.887	0	0
12/1/2013	3:00 AM	75	89	1	ESE	29.884	0	0
12/1/2013	3:15 AM	75.6	90	2	ESE	29.873	0	0
12/1/2013	3:30 AM	75.3	89	2	ESE	29.867	0	0
12/1/2013	3:45 AM	74.8	89	2	ESE	29.866	0	0
12/1/2013	4:00 AM	74.8	88	1	ESE	29.868	0	0
12/1/2013	4:15 AM	74.8	88	1	ESE	29.874	0	0
12/1/2013	4:30 AM	74.7	89	2	ESE	29.87	0	0
12/1/2013	4:45 AM	74.9	89	3	ESE	29.868	0	0
12/1/2013	5:00 AM	74.6	90	3	ESE	29.865	0	0
12/1/2013	5:15 AM	74.5	89	2	ESE	29.86	0	0
12/1/2013	5:30 AM	74.2	89	2	ESE	29.859	0	0
12/1/2013	5:45 AM	74	90	2	ESE	29.867	0	0
12/1/2013	6:00 AM	74.3	90	2	ESE	29.874	0	0
12/1/2013	6:15 AM	74.7	89	2	ESE	29.886	0	0
12/1/2013	6:30 AM	75.2	88	3	ESE	29.887	0	0
12/1/2013	6:45 AM	74.9	87	4	ESE	29.899	0	0
12/1/2013	7:00 AM	74.9	88	6	ESE	29.904	0	0
12/1/2013	7:15 AM	74.6	89	7	ESE	29.905	0	0
12/1/2013	7:30 AM	74.1	91	6	E	29.905	0	0
12/1/2013	7:45 AM	74.4	91	4	ESE	29.914	0	0
12/1/2013	8:00 AM	74.5	90	3	ESE	29.91	0	0
12/1/2013	8:15 AM	75	89	2	ESE	29.909	0	0
12/1/2013	8:30 AM	75.3	88	3	ESE	29.916	0	0
12/1/2013	8:45 AM	75.6	87	2	E	29.918	0	0
12/1/2013	9:00 AM	76.2	87	2	E	29.926	0	0
12/1/2013	9:15 AM	78.5	85	3	E	29.93	0	0
12/1/2013	9:30 AM	79	85	4	E	29.933	0	0
12/1/2013	9:45 AM	78.9	85	5	ESE	29.935	0	0
12/1/2013	10:00 AM	80.5	82	8	E	29.928	0	0
12/1/2013	10:15 AM	81.6	80	8	E	29.929	0	0
12/1/2013	10:30 AM	82.7	78	8	ESE	29.928	0	0
12/1/2013	10:45 AM	83.3	77	9	E	29.933	0	0
12/1/2013	11:00 AM	83.9	75	9	ESE	29.932	0	0
12/1/2013	11:15 AM	83.8	73	8	ESE	29.932	0	0

12/1/2013	11:30 AM	84.4	71	6	ESE	29.925	0	0
12/1/2013	11:45 AM	85	72	5	ESE	29.919	0	0
12/1/2013	12:00 PM	83.4	73	6	ESE	29.916	0	0
12/1/2013	12:15 PM	84.4	71	6	ESE	29.912	0	0
12/1/2013	12:30 PM	84.6	71	9	E	29.907	0	0
12/1/2013	12:45 PM	85.9	71	7	ESE	29.9	0	0
12/1/2013	1:00 PM	84.3	71	7	E	29.894	0	0
12/1/2013	1:15 PM	85.7	71	7	E	29.887	0	0
12/1/2013	1:30 PM	84.9	73	7	ESE	29.884	0	0
12/1/2013	1:45 PM	84.3	75	6	ESE	29.879	0	0
12/1/2013	2:00 PM	84	71	7	SE	29.875	0	0
12/1/2013	2:15 PM	83.2	74	6	SE	29.87	0	0
12/1/2013	2:30 PM	84.1	74	6	E	29.865	0	0
12/1/2013	2:45 PM	84.5	72	6	SE	29.863	0	0
12/1/2013	3:00 PM	84.6	73	5	ESE	29.86	0	0
12/1/2013	3:05 PM	85.1	69	6	ESE	29.86	0	0
12/1/2013	3:15 PM	83.9	71	6	ESE	29.864	0	0
12/1/2013	3:30 PM	84.2	73	5	ESE	29.862	0	0
12/1/2013	3:45 PM	84.1	73	5	ESE	29.864	0	0
12/1/2013	4:00 PM	83.7	74	6	SE	29.873	0	0
12/1/2013	4:15 PM	83.3	74	6	ESE	29.878	0	0
12/1/2013	4:30 PM	83.2	76	8	ESE	29.88	0	0
12/1/2013	4:45 PM	79.6	80	11	E	29.881	0	0
12/1/2013	5:00 PM	78.9	79	10	E	29.887	0	0
12/1/2013	5:15 PM	79.6	76	6	E	29.888	0	0
12/1/2013	5:30 PM	80.1	75	5	E	29.894	0	0
12/1/2013	5:45 PM	79.7	74	3	E	29.888	0	0
12/1/2013	6:00 PM	79.3	75	3	ESE	29.885	0	0
12/1/2013	6:15 PM	78.3	75	3	ESE	29.881	0	0
12/1/2013	6:30 PM	78	75	3	ESE	29.882	0	0
12/1/2013	6:45 PM	77.7	77	3	E	29.886	0	0
12/1/2013	7:00 PM	78.1	77	3	ESE	29.891	0	0
12/1/2013	7:15 PM	77.8	77	2	ESE	29.892	0	0
12/1/2013	7:30 PM	77.3	78	2	ESE	29.897	0	0
12/1/2013	7:45 PM	77.8	79	2	ESE	29.908	0	0
12/1/2013	8:00 PM	77.3	79	4	E	29.919	0	0
12/1/2013	8:15 PM	78	78	2	E	29.919	0	0
12/1/2013	8:30 PM	77.1	79	2	E	29.925	0	0
12/1/2013	8:45 PM	77.4	81	2	ESE	29.934	0	0
12/1/2013	9:00 PM	77	81	3	ESE	29.928	0	0
12/1/2013	9:15 PM	77.2	82	3	ESE	29.927	0	0
12/1/2013	9:30 PM	77.6	82	3	ESE	29.929	0	0
12/1/2013	9:45 PM	77.3	82	2	ESE	29.93	0	0
12/1/2013	10:00 PM	77.5	84	3	E	29.929	0	0
12/1/2013	10:15 PM	77.4	83	3	E	29.927	0	0
12/1/2013	10:30 PM	76.6	84	2	ESE	29.926	0	0
12/1/2013	10:45 PM	76.9	85	2	ESE	29.927	0	0

12/1/2013	11:00 PM	77.3	84	2	SE	29.928	0	0
12/1/2013	11:15 PM	77.3	83	2	ESE	29.927	0	0
12/1/2013	11:30 PM	78	84	2	ESE	29.918	0	0
12/1/2013	11:45 PM	78.2	83	1	ESE	29.912	0	0
12/2/2013	12:00 AM	78.1	82	1	ESE	29.914	0	0
12/2/2013	12:15 AM	77.9	83	2	ESE	29.909	0	0
12/2/2013	12:30 AM	78.7	82	1	ESE	29.908	0	0
12/2/2013	12:45 AM	78	83	1	ESE	29.908	0	0
12/2/2013	1:00 AM	77.4	85	1	ESE	29.904	0	0
12/2/2013	1:15 AM	76.9	84	1	ESE	29.9	0	0
12/2/2013	1:30 AM	77.3	83	1	ESE	29.895	0	0
12/2/2013	1:45 AM	76.7	85	1	ESE	29.89	0	0
12/2/2013	2:00 AM	77	86	1	ESE	29.884	0	0
12/2/2013	2:15 AM	76.5	85	2	ESE	29.882	0	0
12/2/2013	2:30 AM	76.4	86	1	ESE	29.874	0	0
12/2/2013	2:45 AM	76.3	87	1	SE	29.867	0	0
12/2/2013	3:00 AM	75.5	86	1	ESE	29.865	0	0
12/2/2013	3:15 AM	75.8	86	1	ESE	29.87	0	0
12/2/2013	3:30 AM	75.7	87	5	ESE	29.873	0	0
12/2/2013	3:45 AM	74.8	91	3	E	29.871	0	0
12/2/2013	4:00 AM	75.1	92	3	E	29.87	0	0
12/2/2013	4:15 AM	75.3	92	1	ESE	29.864	0	0
12/2/2013	4:30 AM	75.3	91	0	ESE	29.863	0	0
12/2/2013	4:45 AM	74.9	91	0	ESE	29.866	0	0
12/2/2013	5:00 AM	75.2	91	0	ESE	29.866	0	0
12/2/2013	5:15 AM	75.5	91	0	ESE	29.868	0	0
12/2/2013	5:30 AM	75.5	91	1	ESE	29.876	0	0
12/2/2013	5:45 AM	74.5	92	1	ENE	29.883	0	0
12/2/2013	6:00 AM	74.1	92	1	E	29.885	0	0
12/2/2013	6:15 AM	74.8	93	0	E	29.891	0	0
12/2/2013	6:30 AM	74.8	92	0	E	29.898	0	0
12/2/2013	6:45 AM	74.4	91	0	E	29.906	0	0
12/2/2013	7:00 AM	74.4	92	0	E	29.91	0	0
12/2/2013	7:15 AM	74.8	93	0	E	29.911	0	0
12/2/2013	7:30 AM	75.7	91	0	E	29.919	0	0
12/2/2013	7:45 AM	76.4	90	2	E	29.922	0	0
12/2/2013	8:00 AM	77.8	88	2	E	29.928	0	0
12/2/2013	8:15 AM	79.3	85	2	ESE	29.93	0	0
12/2/2013	8:30 AM	81	82	4	E	29.932	0	0
12/2/2013	8:45 AM	81.1	79	4	ESE	29.933	0	0
12/2/2013	9:00 AM	81.3	80	6	ESE	29.938	0	0
12/2/2013	9:15 AM	80.6	79	8	ESE	29.939	0	0
12/2/2013	9:30 AM	81	80	7	SE	29.942	0	0
12/2/2013	9:45 AM	80.9	79	7	ESE	29.943	0	0
12/2/2013	10:00 AM	82.5	75	6	ESE	29.945	0	0
12/2/2013	10:15 AM	85	69	4	E	29.942	0	0
12/2/2013	10:30 AM	82.7	73	7	ESE	29.939	0	0

12/2/2013	10:45 AM	83.9	72	6	ESE	29.937	0	0
12/2/2013	11:00 AM	83	74	7	ESE	29.932	0	0
12/2/2013	11:15 AM	84	74	6	ESE	29.926	0	0
12/2/2013	11:30 AM	83.6	73	7	ESE	29.917	0	0
12/2/2013	11:45 AM	84.5	72	6	E	29.911	0	0
12/2/2013	12:00 PM	83.5	76	6	SE	29.904	0	0
12/2/2013	12:15 PM	83.7	75	6	SE	29.898	0	0
12/2/2013	12:30 PM	84	75	8	ESE	29.898	0	0
12/2/2013	12:45 PM	83.6	76	7	ESE	29.895	0	0
12/2/2013	1:00 PM	83.4	76	8	E	29.891	0	0
12/2/2013	1:15 PM	83.8	77	5	SE	29.883	0	0
12/2/2013	1:30 PM	84	76	5	SE	29.877	0	0
12/2/2013	1:45 PM	84.3	73	6	E	29.87	0	0
12/2/2013	2:00 PM	83.8	73	5	ESE	29.869	0	0
12/2/2013	2:15 PM	83.4	71	5	ESE	29.861	0	0
12/2/2013	2:30 PM	83.8	71	5	ESE	29.854	0	0
12/2/2013	2:45 PM	82.7	72	3	ESE	29.85	0	0
12/2/2013	3:00 PM	83.7	72	4	E	29.846	0	0
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12/2/2013	3:15 PM	83.8	72	3	ESE	29.851	0	0
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12/2/2013	3:45 PM	82.6	75	5	ESE	29.855	0	0
12/2/2013	4:00 PM	82.6	75	4	ESE	29.858	0	0
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12/2/2013	5:15 PM	81.9	76	4	ESE	29.866	0	0
12/2/2013	5:30 PM	81.6	77	3	E	29.869	0	0
12/2/2013	5:45 PM	81.6	77	1	E	29.873	0	0
12/2/2013	6:00 PM	81.2	77	2	E	29.876	0	0
12/2/2013	6:15 PM	80.4	79	1	E	29.883	0	0
12/2/2013	6:30 PM	79.4	82	2	E	29.885	0	0
12/2/2013	6:45 PM	79.6	84	3	E	29.889	0	0
12/2/2013	7:00 PM	79.4	83	4	E	29.899	0	0
12/2/2013	7:15 PM	79.4	83	3	E	29.903	0	0
12/2/2013	7:30 PM	79.9	83	2	E	29.91	0	0
12/2/2013	7:45 PM	79.8	82	2	E	29.915	0	0
12/2/2013	8:00 PM	79.4	83	1	E	29.92	0	0
12/2/2013	8:15 PM	79.4	84	1	E	29.924	0	0
12/2/2013	8:30 PM	79.8	83	1	E	29.922	0	0
12/2/2013	8:45 PM	79.6	83	3	SW	29.939	0	0
12/2/2013	9:00 PM	77.4	87	2	NE	29.947	0	0
12/2/2013	9:15 PM	76.5	89	2	ESE	29.948	0	0
12/2/2013	9:30 PM	76.2	91	2	ENE	29.955	0	0
12/2/2013	9:45 PM	75.4	91	2	ENE	29.959	0	0
12/2/2013	10:00 PM	75.7	91	0	ENE	29.96	0	0

12/2/2013	10:15 PM	75.5	91	0	ENE	29.964	0	0
12/2/2013	10:30 PM	75.1	91	0	ENE	29.962	0	0
12/2/2013	10:45 PM	75	92	0	ENE	29.961	0	0
12/2/2013	11:00 PM	75.1	92	0	---	29.959	0	0
12/2/2013	11:15 PM	74.8	92	0	ENE	29.952	0	0
12/2/2013	11:30 PM	75	93	0	ENE	29.946	0	0
12/2/2013	11:45 PM	74.9	93	0	ENE	29.946	0	0
12/3/2013	12:00 AM	75.1	92	0	ENE	29.948	0	0
12/3/2013	12:15 AM	75.1	92	0	ENE	29.953	0	0
12/3/2013	12:30 AM	75.7	92	0	ENE	29.957	0	0
12/3/2013	12:45 AM	75.2	92	0	ENE	29.954	0	0
12/3/2013	1:00 AM	75.8	92	0	ENE	29.952	0	0
12/3/2013	1:15 AM	75.5	91	0	ENE	29.945	0	0
12/3/2013	1:30 AM	75.9	90	0	---	29.94	0	0
12/3/2013	1:45 AM	75.3	91	0	---	29.933	0	0
12/3/2013	2:00 AM	76	92	0	ENE	29.93	0	0
12/3/2013	2:15 AM	76	90	0	ENE	29.925	0	0
12/3/2013	2:30 AM	76.4	91	0	ENE	29.925	0	0
12/3/2013	2:45 AM	76.7	91	0	ENE	29.925	0	0
12/3/2013	3:00 AM	76.1	90	1	E	29.919	0	0
12/3/2013	3:15 AM	76.2	90	1	ESE	29.914	0	0
12/3/2013	3:30 AM	76.9	90	0	ESE	29.909	0	0
12/3/2013	3:45 AM	77.2	90	0	ESE	29.913	0	0
12/3/2013	4:00 AM	77.2	90	0	ESE	29.913	0	0
12/3/2013	4:15 AM	77.1	89	1	ESE	29.913	0	0
12/3/2013	4:30 AM	76.7	90	0	---	29.916	0	0
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12/3/2013	5:15 AM	76.9	89	0	ESE	29.925	0	0
12/3/2013	5:30 AM	76	90	0	ESE	29.926	0	0
12/3/2013	5:45 AM	75.8	92	0	ESE	29.93	0	0
12/3/2013	6:00 AM	76.4	92	0	ESE	29.939	0	0
12/3/2013	6:15 AM	76.4	92	1	ESE	29.943	0	0
12/3/2013	6:30 AM	76.9	92	1	ESE	29.945	0	0
12/3/2013	6:45 AM	76.9	91	1	ESE	29.947	0	0
12/3/2013	7:00 AM	76.7	92	1	ESE	29.954	0	0
12/3/2013	7:15 AM	76.9	91	1	ESE	29.965	0	0
12/3/2013	7:30 AM	77	90	1	ESE	29.971	0	0
12/3/2013	7:45 AM	77.1	90	1	ESE	29.979	0	0
12/3/2013	8:00 AM	77.1	89	0	ESE	29.987	0	0
12/3/2013	8:15 AM	77.4	90	2	ESE	30.002	0	0
12/3/2013	8:30 AM	78	89	2	ENE	30.004	0	0
12/3/2013	8:45 AM	79.8	89	0	E	30.01	0	0
12/3/2013	9:00 AM	81.5	84	1	E	30.011	0	0
12/3/2013	9:15 AM	82.5	82	2	E	30.01	0	0
12/3/2013	9:30 AM	84.2	78	1	ENE	30.019	0	0
12/3/2013	9:45 AM	82.9	76	2	NE	30.031	0	0

12/3/2013	10:00 AM	81.8	79	1	NE	30.033	0	0
12/3/2013	10:15 AM	82.1	80	1	NE	30.028	0	0
12/3/2013	10:30 AM	82.7	79	0	NE	30.02	0	0
12/3/2013	10:45 AM	85.8	72	2	NE	30.016	0	0
12/3/2013	11:00 AM	86.6	69	1	NW	30.014	0	0
12/3/2013	11:15 AM	87.2	70	2	NE	30.005	0	0
12/3/2013	11:30 AM	88.3	69	3	E	30.003	0	0
12/3/2013	11:45 AM	86.5	74	3	SE	29.997	0	0
12/3/2013	12:00 PM	87.3	69	3	ESE	29.99	0	0
12/3/2013	12:15 PM	85.3	75	7	ESE	29.991	0	0
12/3/2013	12:30 PM	81.2	76	6	WSW	29.996	0	0
12/3/2013	12:45 PM	79.6	84	2	NNE	29.982	0	0
12/3/2013	1:00 PM	81.5	80	3	E	29.973	0	0
12/3/2013	1:15 PM	83	79	5	SE	29.967	0	0
12/3/2013	1:30 PM	83.8	80	3	ESE	29.959	0	0
12/3/2013	1:45 PM	84	74	3	ESE	29.967	0	0
12/3/2013	2:00 PM	84.6	72	4	ESE	29.962	0	0
12/3/2013	2:15 PM	83.4	72	6	ESE	29.962	0	0
12/3/2013	2:30 PM	83.8	73	5	E	29.957	0	0
12/3/2013	2:45 PM	84.4	77	5	ESE	29.948	0	0
12/3/2013	3:00 PM	84.5	79	5	ESE	29.948	0	0
12/3/2013	3:05 PM	83.3	78	6	SE	29.95	0	0
12/3/2013	3:15 PM	83	79	5	ESE	29.949	0	0
12/3/2013	3:30 PM	82.8	80	5	ESE	29.944	0	0
12/3/2013	3:45 PM	83.9	76	4	ESE	29.943	0	0
12/3/2013	4:00 PM	84.1	76	5	E	29.95	0	0
12/3/2013	4:15 PM	83	79	6	ESE	29.955	0	0
12/3/2013	4:30 PM	82.7	79	4	ESE	29.956	0	0
12/3/2013	4:45 PM	82.6	79	3	ESE	29.954	0	0
12/3/2013	5:00 PM	82.2	80	4	E	29.953	0	0
12/3/2013	5:15 PM	81.2	81	6	ESE	29.96	0	0
12/3/2013	5:30 PM	80.4	83	6	E	29.963	0	0
12/3/2013	5:45 PM	80.2	84	9	ESE	29.965	0	0
12/3/2013	6:00 PM	79.4	86	4	SE	29.97	0.02	0.18
12/3/2013	6:15 PM	78	90	4	E	29.966	0.01	0.18
12/3/2013	6:30 PM	78.4	91	2	ESE	29.967	0	0.07
12/3/2013	6:45 PM	78	90	2	ESE	29.967	0	0
12/3/2013	7:00 PM	77.8	90	2	ESE	29.968	0	0
12/3/2013	7:15 PM	77.7	90	3	ESE	29.976	0	0
12/3/2013	7:30 PM	78	90	2	E	29.98	0	0
12/3/2013	7:45 PM	78.4	90	2	ESE	29.989	0	0
12/3/2013	8:00 PM	77.8	89	1	ESE	29.996	0	0
12/3/2013	8:15 PM	77.7	89	1	ESE	30.002	0	0
12/3/2013	8:30 PM	78	90	2	ESE	30.001	0	0
12/3/2013	8:45 PM	78.4	89	2	ESE	30.001	0	0
12/3/2013	9:00 PM	78.5	89	1	ESE	30.01	0	0
12/3/2013	9:15 PM	77.8	88	2	ESE	30.008	0	0

12/3/2013	9:30 PM	78	89	1	ESE	30.007	0	0
12/3/2013	9:45 PM	78.2	88	1	ESE	30.012	0	0
12/3/2013	10:00 PM	77.8	89	2	ESE	30.008	0	0
12/3/2013	10:15 PM	78	88	1	ESE	30.006	0	0
12/3/2013	10:30 PM	77.8	88	1	ESE	30.007	0	0
12/3/2013	10:45 PM	77.4	88	0	ESE	30.01	0	0
12/3/2013	11:00 PM	77.6	90	1	ESE	30.002	0	0
12/3/2013	11:15 PM	77.7	88	1	ESE	30.005	0	0
12/3/2013	11:30 PM	76.7	89	1	ESE	30.007	0	0
12/3/2013	11:45 PM	76.7	89	2	ESE	30	0	0
12/4/2013	12:00 AM	77.6	89	1	ESE	30	0	0
12/4/2013	12:15 AM	77.6	87	1	ESE	29.998	0	0
12/4/2013	12:30 AM	77.8	87	1	ESE	29.993	0	0
12/4/2013	12:45 AM	77.6	87	2	ESE	29.991	0	0
12/4/2013	1:00 AM	78.4	85	1	ESE	29.986	0	0
12/4/2013	1:15 AM	79.1	85	1	ESE	29.983	0	0
12/4/2013	1:30 AM	77.8	87	2	ESE	29.978	0	0
12/4/2013	1:45 AM	77.5	86	1	ESE	29.974	0	0
12/4/2013	2:00 AM	77.5	87	1	ESE	29.968	0	0
12/4/2013	2:15 AM	77.4	86	2	ESE	29.96	0	0
12/4/2013	2:30 AM	77.9	85	2	ESE	29.964	0	0
12/4/2013	2:45 AM	77.3	87	2	ESE	29.958	0	0
12/4/2013	3:00 AM	76.9	86	1	ESE	29.961	0	0
12/4/2013	3:15 AM	77	88	2	ESE	29.951	0	0
12/4/2013	3:30 AM	76.6	88	2	ESE	29.949	0	0
12/4/2013	3:45 AM	77	88	4	ESE	29.947	0	0
12/4/2013	4:00 AM	76.9	88	3	ESE	29.95	0	0
12/4/2013	4:15 AM	76.9	89	2	ESE	29.955	0	0
12/4/2013	4:30 AM	76.9	90	2	ESE	29.949	0	0
12/4/2013	4:45 AM	76.4	90	2	ESE	29.948	0	0
12/4/2013	5:00 AM	76.3	89	1	ESE	29.956	0	0
12/4/2013	5:15 AM	76.9	88	1	ESE	29.962	0	0
12/4/2013	5:30 AM	76.7	88	1	ESE	29.964	0	0
12/4/2013	5:45 AM	76.9	89	1	ESE	29.964	0	0
12/4/2013	6:00 AM	77.5	87	2	ESE	29.967	0	0
12/4/2013	6:15 AM	76.9	87	2	ESE	29.964	0	0
12/4/2013	6:30 AM	77.4	86	1	ESE	29.971	0	0
12/4/2013	6:45 AM	77.9	85	1	ESE	29.98	0	0
12/4/2013	7:00 AM	77.6	86	2	ESE	29.975	0	0
12/4/2013	7:15 AM	77.9	86	2	ESE	29.981	0.01	0
12/4/2013	7:30 AM	78.5	85	1	ESE	29.997	0	0
12/4/2013	7:45 AM	78.7	83	2	ESE	30	0	0
12/4/2013	8:00 AM	80.3	83	1	ESE	30.013	0	0
12/4/2013	8:15 AM	80.1	83	1	ESE	30.017	0	0
12/4/2013	8:30 AM	80.5	82	2	ESE	30.025	0	0
12/4/2013	8:45 AM	81.2	82	2	ESE	30.034	0	0
12/4/2013	9:00 AM	80.6	83	1	ESE	30.039	0	0

12/4/2013	9:15 AM	81.3	82	0	ESE	30.042	0	0
12/4/2013	9:30 AM	81.3	79	1	ESE	30.045	0	0
12/4/2013	9:45 AM	81.1	80	2	ESE	30.042	0	0
12/4/2013	10:00 AM	81.2	81	0	ESE	30.044	0	0
12/4/2013	10:15 AM	82	81	0	ESE	30.043	0	0
12/4/2013	10:30 AM	83.2	76	2	ESE	30.041	0	0
12/4/2013	10:45 AM	83.2	76	1	ESE	30.039	0	0
12/4/2013	11:00 AM	82.8	80	1	ESE	30.039	0	0
12/4/2013	11:15 AM	82	79	2	ESE	30.037	0	0
12/4/2013	11:30 AM	83	78	3	ESE	30.032	0	0
12/4/2013	11:45 AM	82.5	80	4	ESE	30.027	0	0
12/4/2013	12:00 PM	82.2	79	3	ESE	30.021	0	0
12/4/2013	12:15 PM	82.3	78	3	ESE	30.016	0	0
12/4/2013	12:30 PM	82.9	76	3	ESE	30.011	0	0
12/4/2013	12:45 PM	82.5	79	1	ESE	29.999	0	0
12/4/2013	1:00 PM	82.3	80	4	ESE	29.984	0	0
12/4/2013	1:15 PM	81.8	82	7	ESE	29.988	0	0
12/4/2013	1:30 PM	82.7	78	4	ESE	29.988	0	0
12/4/2013	1:45 PM	82.5	76	3	ESE	29.989	0	0
12/4/2013	2:00 PM	82	77	3	ESE	29.984	0	0
12/4/2013	2:15 PM	81.5	78	5	ESE	29.981	0	0
12/4/2013	2:30 PM	81.2	79	6	ESE	29.979	0	0
12/4/2013	2:45 PM	81.6	80	3	ESE	29.979	0	0
12/4/2013	3:00 PM	81.4	79	4	E	29.986	0	0
12/4/2013	3:05 PM	81.1	80	4	E	29.981	0	0
12/4/2013	3:15 PM	80.9	79	2	E	29.976	0	0
12/4/2013	3:30 PM	80.7	77	3	E	29.974	0	0
12/4/2013	3:45 PM	79.9	79	3	E	29.976	0	0
12/4/2013	4:00 PM	79.7	80	4	ENE	29.973	0	0
12/4/2013	4:15 PM	79.1	82	3	E	29.972	0	0
12/4/2013	4:30 PM	79.3	82	2	E	29.978	0	0
12/4/2013	4:45 PM	78.4	83	3	ESE	29.983	0	0
12/4/2013	5:00 PM	78.5	84	2	ESE	29.989	0	0
12/4/2013	5:15 PM	77.5	85	4	ESE	29.985	0	0
12/4/2013	5:30 PM	77.5	86	4	E	29.986	0	0
12/4/2013	5:45 PM	77.4	84	4	ESE	29.992	0	0
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12/4/2013	6:45 PM	76.3	87	2	ENE	29.994	0	0
12/4/2013	7:00 PM	76	88	3	E	29.988	0	0
12/4/2013	7:15 PM	75.6	89	5	E	29.976	0	0
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12/4/2013	7:45 PM	76.7	86	1	NE	29.982	0	0
12/4/2013	8:00 PM	77.1	85	0	ENE	29.99	0	0
12/4/2013	8:15 PM	77.6	84	1	ENE	29.995	0	0
12/4/2013	8:30 PM	77.1	84	4	E	30	0	0

12/4/2013	8:45 PM	77	84	3	E	30.005	0	0
12/4/2013	9:00 PM	76.5	86	2	E	30.006	0	0
12/4/2013	9:15 PM	76.2	86	2	E	30.006	0	0
12/4/2013	9:30 PM	76.4	86	1	E	30.005	0	0
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12/4/2013	10:00 PM	75.7	86	1	NNW	30.006	0	0
12/4/2013	10:15 PM	75.4	85	0	N	30.007	0	0
12/4/2013	10:30 PM	76.7	83	1	NNE	30.001	0	0
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12/5/2013	2:45 AM	76.7	83	2	ESE	29.962	0	0
12/5/2013	3:00 AM	76.7	84	0	E	29.963	0	0
12/5/2013	3:15 AM	77	83	0	---	29.96	0	0
12/5/2013	3:30 AM	76.4	82	0	---	29.956	0	0
12/5/2013	3:45 AM	77	81	0	E	29.949	0	0
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12/5/2013	5:15 AM	76.4	81	2	ESE	29.948	0	0
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12/5/2013	5:45 AM	77.2	80	3	ESE	29.953	0	0
12/5/2013	6:00 AM	77	81	0	ESE	29.961	0	0
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12/5/2013	7:30 AM	78.4	78	0	---	29.985	0	0
12/5/2013	7:45 AM	80	75	0	ESE	29.991	0	0
12/5/2013	8:00 AM	81.1	74	1	ESE	30.001	0	0
12/5/2013	8:15 AM	82.8	72	3	ESE	30.014	0	0

12/5/2013	8:30 AM	80.7	75	4	E	30.028	0	0
12/5/2013	8:45 AM	79.7	76	4	ESE	30.018	0	0
12/5/2013	9:00 AM	79.5	78	3	E	30.04	0	0
12/5/2013	9:15 AM	79.3	80	1	E	30.048	0	0
12/5/2013	9:30 AM	78.5	81	1	E	30.047	0.01	0
12/5/2013	9:45 AM	78	82	2	ENE	30.047	0	0
12/5/2013	10:00 AM	77.6	82	2	E	30.049	0	0
12/5/2013	10:15 AM	78.6	80	3	E	30.051	0	0
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12/5/2013	7:15 PM	76.3	83	0	E	29.993	0	0
12/5/2013	7:30 PM	76.5	80	0	E	29.994	0	0
12/5/2013	7:45 PM	76.8	79	0	E	29.997	0	0

12/5/2013	8:00 PM	76.6	79	0	E	30.008	0	0
12/5/2013	8:15 PM	77.7	77	0	E	30.01	0	0
12/5/2013	8:30 PM	77	77	0	E	30.01	0	0
12/5/2013	8:45 PM	77.1	77	2	E	30.016	0	0
12/5/2013	9:00 PM	77	78	1	E	30.015	0	0
12/5/2013	9:15 PM	77.1	77	3	E	30.018	0	0
12/5/2013	9:30 PM	76.9	79	2	E	30.023	0	0
12/5/2013	9:45 PM	76.4	77	2	E	30.029	0	0
12/5/2013	10:00 PM	76.3	78	2	E	30.028	0	0
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12/6/2013	12:30 AM	76.3	80	2	E	30.011	0	0
12/6/2013	12:45 AM	75.6	80	2	E	30.007	0	0
12/6/2013	1:00 AM	76	79	2	ESE	30.004	0	0
12/6/2013	1:15 AM	76.7	77	1	ESE	30.003	0	0
12/6/2013	1:30 AM	76.1	77	1	ESE	29.999	0	0
12/6/2013	1:45 AM	76.3	78	0	ESE	29.997	0	0
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12/6/2013	2:45 AM	73.4	82	1	ESE	29.98	0	0
12/6/2013	3:00 AM	74.4	80	1	ESE	29.976	0	0
12/6/2013	3:15 AM	74	81	3	ESE	29.974	0	0
12/6/2013	3:30 AM	73.9	81	2	SE	29.974	0	0
12/6/2013	3:45 AM	73.8	82	3	ESE	29.975	0	0
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12/6/2013	5:45 AM	75.6	79	3	E	29.985	0	0
12/6/2013	6:00 AM	75.5	80	3	E	29.983	0	0
12/6/2013	6:15 AM	76	79	3	E	29.982	0	0
12/6/2013	6:30 AM	75.4	80	2	E	29.985	0	0
12/6/2013	6:45 AM	75.9	79	3	E	29.992	0	0
12/6/2013	7:00 AM	76.1	79	1	E	29.99	0	0
12/6/2013	7:15 AM	77.7	77	0	E	29.99	0	0
12/6/2013	7:30 AM	78	77	0	E	29.994	0	0

12/6/2013	7:45 AM	78.8	77	0	---	29.998	0	0
12/6/2013	8:00 AM	80.5	76	0	E	30.006	0	0
12/6/2013	8:15 AM	81.5	73	1	E	30.013	0	0
12/6/2013	8:30 AM	82.1	70	5	E	30.016	0	0
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12/6/2013	3:30 PM	84.2	71	9	E	29.956	0	0
12/6/2013	3:45 PM	80.3	83	8	E	29.956	0.01	0
12/6/2013	4:00 PM	81.2	79	6	E	29.959	0	0
12/6/2013	4:15 PM	81.2	76	6	ESE	29.96	0	0
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12/6/2013	6:00 PM	78	77	8	ESE	29.985	0	0
12/6/2013	6:15 PM	77.6	78	5	E	29.99	0	0
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12/6/2013	6:45 PM	77.3	75	5	ESE	29.993	0	0
12/6/2013	7:00 PM	77.8	73	6	ESE	29.992	0	0

12/6/2013	7:15 PM	77.6	75	6	ESE	29.997	0	0
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12/6/2013	7:45 PM	77.9	76	5	ESE	30.003	0	0
12/6/2013	8:00 PM	77.5	77	3	ESE	30.005	0	0
12/6/2013	8:15 PM	76.7	77	3	ESE	30.012	0	0
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12/6/2013	8:45 PM	76.8	77	4	E	30.019	0	0
12/6/2013	9:00 PM	76.5	79	5	E	30.022	0	0
12/6/2013	9:15 PM	76.4	79	7	E	30.027	0	0
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12/6/2013	10:00 PM	75.8	80	6	E	30.04	0	0
12/6/2013	10:15 PM	75.7	80	4	ESE	30.04	0	0
12/6/2013	10:30 PM	76	80	6	ESE	30.039	0	0
12/6/2013	10:45 PM	75.6	82	4	ESE	30.039	0	0
12/6/2013	11:00 PM	75.6	81	6	ESE	30.036	0	0
12/6/2013	11:15 PM	76.7	78	7	E	30.031	0	0
12/6/2013	11:30 PM	76.8	78	7	E	30.025	0	0
12/6/2013	11:45 PM	76.7	78	7	E	30.022	0	0
12/7/2013	12:00 AM	76.3	79	7	E	30.02	0	0
12/7/2013	12:15 AM	77.1	77	8	E	30.016	0	0
12/7/2013	12:30 AM	76.7	78	8	E	30.012	0	0
12/7/2013	12:45 AM	76.9	77	8	E	30.007	0	0
12/7/2013	1:00 AM	76.7	78	7	E	30.003	0	0
12/7/2013	1:15 AM	76.7	77	6	E	30.002	0	0
12/7/2013	1:30 AM	76.5	76	7	E	29.999	0	0
12/7/2013	1:45 AM	76.5	76	7	E	29.998	0	0
12/7/2013	2:00 AM	76.6	77	7	E	29.991	0	0
12/7/2013	2:15 AM	76.4	77	5	E	29.991	0	0
12/7/2013	2:30 AM	76.5	77	6	E	29.989	0	0
12/7/2013	2:45 AM	76.2	78	5	E	29.988	0	0
12/7/2013	3:00 AM	76.8	76	5	ESE	29.984	0	0
12/7/2013	3:15 AM	76.1	76	3	ESE	29.981	0	0
12/7/2013	3:30 AM	75.9	75	4	E	29.978	0	0
12/7/2013	3:45 AM	76.2	74	3	E	29.978	0	0
12/7/2013	4:00 AM	76.3	74	5	E	29.979	0	0
12/7/2013	4:15 AM	76.2	75	4	ESE	29.977	0	0
12/7/2013	4:30 AM	75.9	76	5	ESE	29.974	0	0
12/7/2013	4:45 AM	75.8	76	5	ESE	29.977	0	0
12/7/2013	5:00 AM	75.8	77	6	ESE	29.978	0	0
12/7/2013	5:15 AM	75.8	78	6	E	29.983	0	0
12/7/2013	5:30 AM	75.8	79	4	E	29.99	0	0
12/7/2013	5:45 AM	75.6	80	4	E	29.995	0	0
12/7/2013	6:00 AM	75.8	79	7	E	30	0	0
12/7/2013	6:15 AM	75.4	81	7	E	30.005	0	0
12/7/2013	6:30 AM	75.1	81	6	E	30.008	0	0
12/7/2013	6:45 AM	74.4	82	5	E	30.015	0	0

12/7/2013	7:00 AM	74.8	83	5	E	30.018	0	0
12/7/2013	7:15 AM	75.7	82	7	E	30.031	0	0
12/7/2013	7:30 AM	76.1	80	6	E	30.034	0	0
12/7/2013	7:45 AM	76.2	80	5	E	30.036	0	0
12/7/2013	8:00 AM	77.7	79	6	E	30.045	0	0
12/7/2013	8:15 AM	77	79	6	E	30.051	0	0
12/7/2013	8:30 AM	78.7	76	7	ESE	30.052	0	0
12/7/2013	8:45 AM	80.7	73	7	ESE	30.062	0	0
12/7/2013	9:00 AM	82.1	70	7	E	30.066	0	0
12/7/2013	9:15 AM	82	70	8	E	30.067	0	0
12/7/2013	9:30 AM	80.1	74	7	E	30.068	0	0
12/7/2013	9:45 AM	82.7	71	7	ESE	30.064	0	0
12/7/2013	10:00 AM	83.9	66	8	E	30.065	0	0
12/7/2013	10:15 AM	83.4	71	10	ESE	30.068	0	0
12/7/2013	10:30 AM	79.5	79	7	ESE	30.066	0	0
12/7/2013	10:45 AM	79.9	78	6	E	30.058	0	0
12/7/2013	11:00 AM	82.1	73	5	E	30.054	0	0
12/7/2013	11:15 AM	83.7	69	10	E	30.052	0	0
12/7/2013	11:30 AM	84.3	67	8	E	30.047	0	0
12/7/2013	11:45 AM	85.2	65	10	E	30.048	0	0
12/7/2013	12:00 PM	86.4	61	11	E	30.038	0	0
12/7/2013	12:15 PM	85.8	63	10	E	30.038	0	0
12/7/2013	12:30 PM	84	64	10	E	30.03	0	0
12/7/2013	12:45 PM	82.9	65	6	E	30.016	0	0
12/7/2013	1:00 PM	81.2	69	15	E	30.005	0	0
12/7/2013	1:15 PM	83.6	65	10	E	29.999	0	0
12/7/2013	1:30 PM	83.6	67	9	E	29.996	0	0
12/7/2013	1:45 PM	83	67	11	ESE	29.986	0	0
12/7/2013	2:00 PM	84.7	66	12	ESE	29.982	0	0
12/7/2013	2:15 PM	84.4	65	11	E	29.978	0	0
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12/7/2013	3:00 PM	82.1	70	8	E	29.974	0	0
12/7/2013	3:05 PM	83.3	65	11	ESE	29.973	0	0
12/7/2013	3:15 PM	83	66	11	E	29.971	0	0
12/7/2013	3:30 PM	83.4	67	9	E	29.966	0	0
12/7/2013	3:45 PM	83.3	69	8	ESE	29.961	0	0
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12/7/2013	5:15 PM	79.6	75	8	ESE	29.977	0	0
12/7/2013	5:30 PM	79	76	7	E	29.981	0	0
12/7/2013	5:45 PM	78.3	77	7	ESE	29.982	0	0
12/7/2013	6:00 PM	78.1	76	8	E	29.988	0	0
12/7/2013	6:15 PM	78.4	76	7	ESE	29.989	0	0

12/7/2013	6:30 PM	78.5	73	9	E	29.996	0	0
12/7/2013	6:45 PM	78.3	74	10	E	29.998	0	0
12/7/2013	7:00 PM	77.4	78	9	E	30.005	0	0
12/7/2013	7:15 PM	76.9	79	8	E	30.009	0	0
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12/7/2013	11:45 PM	76.9	75	6	E	30.022	0	0
12/8/2013	12:00 AM	76.8	75	7	ESE	30.016	0	0
12/8/2013	12:15 AM	77	73	7	ESE	30.017	0	0
12/8/2013	12:30 AM	77.4	73	7	E	30.011	0	0
12/8/2013	12:45 AM	76.6	78	6	ESE	30.01	0	0
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12/8/2013	2:45 AM	75.3	79	7	E	29.965	0	0
12/8/2013	3:00 AM	75.5	77	8	ESE	29.966	0	0
12/8/2013	3:15 AM	75	76	6	ESE	29.963	0	0
12/8/2013	3:30 AM	74.9	75	5	E	29.964	0	0
12/8/2013	3:45 AM	74.9	75	7	E	29.965	0	0
12/8/2013	4:00 AM	75.7	73	7	E	29.968	0	0
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12/8/2013	4:45 AM	75.2	74	6	ESE	29.973	0	0
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12/8/2013	5:30 AM	76.1	72	6	E	29.975	0	0
12/8/2013	5:45 AM	76.4	73	7	E	29.978	0	0
12/8/2013	6:00 AM	76.3	75	8	ESE	29.986	0	0

12/8/2013	6:15 AM	75.9	76	5	ESE	29.992	0	0
12/8/2013	6:30 AM	75.3	77	6	E	30.004	0	0
12/8/2013	6:45 AM	72	88	9	ESE	30.02	0	0.1
12/8/2013	7:00 AM	71.7	90	6	E	30.022	0	0
12/8/2013	7:15 AM	71.8	91	6	E	30.034	0	0
12/8/2013	7:30 AM	72.3	90	6	E	30.036	0	0
12/8/2013	7:45 AM	72.4	89	8	E	30.04	0.01	0
12/8/2013	8:00 AM	72	89	7	ESE	30.046	0.01	0.04
12/8/2013	8:15 AM	71.9	90	6	ESE	30.056	0	0.04
12/8/2013	8:30 AM	72	91	7	E	30.063	0	0
12/8/2013	8:45 AM	72.6	91	5	E	30.051	0	0
12/8/2013	9:00 AM	73.8	88	7	E	30.048	0	0
12/8/2013	9:15 AM	74.8	85	8	E	30.051	0	0
12/8/2013	9:30 AM	74.9	84	7	E	30.054	0.01	0
12/8/2013	9:45 AM	75.6	84	8	E	30.061	0	0
12/8/2013	10:00 AM	76.8	80	8	E	30.061	0	0
12/8/2013	10:15 AM	78.8	76	7	E	30.063	0	0
12/8/2013	10:30 AM	78.5	75	8	E	30.067	0	0
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12/8/2013	3:00 PM	79.4	71	10	E	29.984	0	0
12/8/2013	3:05 PM	79.5	72	10	E	29.985	0	0
12/8/2013	3:15 PM	79.4	73	11	ESE	29.992	0	0
12/8/2013	3:30 PM	78.9	73	7	E	29.993	0	0
12/8/2013	3:45 PM	75.5	84	15	SE	30.018	0.03	0.45
12/8/2013	4:00 PM	73.9	91	7	ESE	30.022	0	0.07
12/8/2013	4:15 PM	73.9	91	3	ESE	30.01	0	0
12/8/2013	4:30 PM	74.4	90	3	ESE	30.003	0	0
12/8/2013	4:45 PM	75.3	88	4	ESE	29.995	0	0
12/8/2013	5:00 PM	75.2	87	8	E	30.01	0	0
12/8/2013	5:15 PM	74.8	87	6	E	30.004	0	0
12/8/2013	5:30 PM	75	87	6	E	30.001	0	0

12/8/2013	5:45 PM	75.4	85	7	E	30	0	0
12/8/2013	6:00 PM	75.8	85	6	E	30.009	0	0
12/8/2013	6:15 PM	74.3	89	11	ESE	30.031	0.05	0.93
12/8/2013	6:30 PM	73.4	92	5	ESE	30.018	0	0.08
12/8/2013	6:45 PM	73.3	92	5	ESE	30.017	0	0
12/8/2013	7:00 PM	73.8	91	6	ESE	30.02	0	0
12/8/2013	7:15 PM	74.4	90	7	ESE	30.026	0	0
12/8/2013	7:30 PM	75	88	8	E	30.028	0	0
12/8/2013	7:45 PM	75.3	87	8	ESE	30.033	0	0
12/8/2013	8:00 PM	75	87	6	E	30.036	0	0
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12/21/2013	1:30 PM	84.9	66	10	E	30.005	0	0
12/21/2013	1:45 PM	83.4	70	10	E	30.005	0	0
12/21/2013	2:00 PM	84.3	71	10	E	30	0	0
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12/21/2013	8:30 PM	76.5	82	8	E	30.056	0	0
12/21/2013	8:45 PM	76.2	82	8	E	30.058	0	0
12/21/2013	9:00 PM	76.6	81	8	ESE	30.06	0	0

12/21/2013	9:15 PM	76.6	81	8	ESE	30.058	0	0
12/21/2013	9:30 PM	76.7	80	7	E	30.06	0	0
12/21/2013	9:45 PM	76.7	80	8	ESE	30.061	0	0
12/21/2013	10:00 PM	76.5	80	7	ESE	30.059	0	0
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12/21/2013	11:45 PM	75.7	84	6	E	30.055	0	0
12/22/2013	12:00 AM	75.6	83	5	E	30.05	0	0
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12/22/2013	6:45 AM	75.3	82	8	ESE	30.038	0	0
12/22/2013	7:00 AM	75.6	81	7	ESE	30.041	0	0
12/22/2013	7:15 AM	75.7	81	9	E	30.043	0	0
12/22/2013	7:30 AM	76.2	81	9	E	30.047	0	0
12/22/2013	7:45 AM	77.1	79	9	E	30.051	0	0
12/22/2013	8:00 AM	77.7	79	9	ESE	30.059	0	0
12/22/2013	8:15 AM	78.9	77	9	ESE	30.065	0	0
12/22/2013	8:30 AM	80	76	8	E	30.071	0	0
12/22/2013	8:45 AM	80.2	76	9	E	30.075	0	0

12/22/2013	9:00 AM	81	74	9	E	30.079	0	0
12/22/2013	9:15 AM	81.9	72	9	ESE	30.08	0	0
12/22/2013	9:30 AM	82.4	70	10	E	30.082	0	0
12/22/2013	9:45 AM	82.7	70	11	E	30.09	0	0
12/22/2013	10:00 AM	81.3	75	8	E	30.088	0	0
12/22/2013	10:15 AM	83.8	68	10	ESE	30.089	0	0
12/22/2013	10:30 AM	84.1	66	12	E	30.086	0	0
12/22/2013	10:45 AM	85.2	65	10	E	30.082	0	0
12/22/2013	11:00 AM	85.1	62	12	E	30.081	0	0
12/22/2013	11:15 AM	84.3	65	11	E	30.079	0	0
12/22/2013	11:30 AM	85.7	62	9	E	30.075	0	0
12/22/2013	11:45 AM	85	62	11	E	30.069	0	0
12/22/2013	12:00 PM	85.9	60	11	E	30.062	0	0
12/22/2013	12:15 PM	86.6	60	9	E	30.054	0	0
12/22/2013	12:30 PM	86.1	60	13	E	30.047	0	0
12/22/2013	12:45 PM	85.3	63	11	ESE	30.042	0	0
12/22/2013	1:00 PM	86.7	60	11	E	30.034	0	0
12/22/2013	1:15 PM	81.5	75	16	ESE	30.051	0	0
12/22/2013	1:30 PM	80.5	73	9	ESE	30.044	0	0
12/22/2013	1:45 PM	80.8	70	10	ESE	30.037	0	0
12/22/2013	2:00 PM	82.6	66	9	E	30.031	0	0
12/22/2013	2:15 PM	83.7	66	12	ESE	30.023	0	0
12/22/2013	2:30 PM	83.7	66	7	E	30.018	0	0
12/22/2013	2:45 PM	84.2	64	9	E	30.014	0	0
12/22/2013	3:00 PM	83.7	65	10	E	30.009	0	0
12/22/2013	3:05 PM	84.4	65	9	E	30.007	0	0
12/22/2013	3:15 PM	84.1	66	11	E	30.003	0	0
12/22/2013	3:30 PM	84.2	65	10	E	30.002	0	0
12/22/2013	3:45 PM	84.1	66	9	E	30.002	0	0
12/22/2013	4:00 PM	83.8	64	11	E	30.005	0	0
12/22/2013	4:15 PM	83.8	65	11	ESE	30.009	0	0
12/22/2013	4:30 PM	79.8	76	11	ESE	30.01	0	0
12/22/2013	4:45 PM	76.8	84	9	ESE	30.016	0	0
12/22/2013	5:00 PM	76.7	86	4	E	30.018	0	0
12/22/2013	5:15 PM	76.5	86	5	ESE	30.021	0	0
12/22/2013	5:30 PM	76.4	86	6	ESE	30.027	0	0
12/22/2013	5:45 PM	76.8	84	8	E	30.03	0	0
12/22/2013	6:00 PM	76.3	85	6	ESE	30.033	0	0
12/22/2013	6:15 PM	76.1	83	6	ESE	30.038	0	0
12/22/2013	6:30 PM	76.6	80	7	E	30.042	0	0
12/22/2013	6:45 PM	76.6	80	7	E	30.047	0	0
12/22/2013	7:00 PM	76.4	80	6	ESE	30.049	0	0
12/22/2013	7:15 PM	76.4	81	6	E	30.052	0	0
12/22/2013	7:30 PM	76.4	81	6	ESE	30.06	0	0
12/22/2013	7:45 PM	76	81	6	E	30.063	0	0
12/22/2013	8:00 PM	76.5	80	5	E	30.067	0	0
12/22/2013	8:15 PM	75.9	81	4	ESE	30.067	0	0

12/22/2013	8:30 PM	76.4	80	6	E	30.069	0	0
12/22/2013	8:45 PM	76.6	80	6	E	30.071	0	0
12/22/2013	9:00 PM	76.1	81	4	ESE	30.07	0	0
12/22/2013	9:15 PM	76	81	5	ESE	30.076	0	0
12/22/2013	9:30 PM	76.7	80	7	ESE	30.076	0	0
12/22/2013	9:45 PM	76.8	79	6	E	30.078	0	0
12/22/2013	10:00 PM	76.9	77	6	ESE	30.083	0	0
12/22/2013	10:15 PM	76.8	77	4	ESE	30.084	0	0
12/22/2013	10:30 PM	76.6	77	5	E	30.083	0	0
12/22/2013	10:45 PM	77	77	5	E	30.076	0	0
12/22/2013	11:00 PM	77.1	77	6	ESE	30.075	0	0
12/22/2013	11:15 PM	76.9	79	8	E	30.08	0	0
12/22/2013	11:30 PM	74.7	84	8	E	30.081	0	0
12/22/2013	11:45 PM	74.3	84	5	E	30.07	0	0
12/23/2013	12:00 AM	74.9	83	1	ENE	30.068	0	0
12/23/2013	12:15 AM	75.2	81	1	E	30.066	0	0
12/23/2013	12:30 AM	74.9	78	4	ESE	30.065	0	0
12/23/2013	12:45 AM	75.3	78	2	ESE	30.062	0	0
12/23/2013	1:00 AM	75.5	79	3	ESE	30.059	0	0
12/23/2013	1:15 AM	75.6	80	5	ESE	30.052	0	0
12/23/2013	1:30 AM	75.6	79	4	ESE	30.049	0	0
12/23/2013	1:45 AM	75.5	79	4	E	30.044	0	0
12/23/2013	2:00 AM	75.5	79	3	E	30.038	0	0
12/23/2013	2:15 AM	75.7	78	4	ESE	30.032	0	0
12/23/2013	2:30 AM	75.5	79	4	E	30.029	0	0
12/23/2013	2:45 AM	76	77	5	E	30.022	0	0
12/23/2013	3:00 AM	75.5	78	3	E	30.019	0	0
12/23/2013	3:15 AM	75.4	77	1	E	30.016	0	0
12/23/2013	3:30 AM	75.1	76	0	E	30.011	0	0
12/23/2013	3:45 AM	74.8	77	1	ENE	30.01	0	0
12/23/2013	4:00 AM	74.7	78	0	ENE	30.008	0	0
12/23/2013	4:15 AM	74.6	78	0	ENE	30.008	0	0
12/23/2013	4:30 AM	75.9	75	0	E	30.009	0	0
12/23/2013	4:45 AM	74.4	77	0	ESE	30.011	0	0
12/23/2013	5:00 AM	75.1	78	0	ESE	30.011	0	0
12/23/2013	5:15 AM	76.2	77	1	ESE	30.01	0	0
12/23/2013	5:30 AM	76.2	79	5	ESE	30.013	0	0
12/23/2013	5:45 AM	75.4	82	3	ESE	30.015	0	0
12/23/2013	6:00 AM	76	81	4	ESE	30.017	0	0
12/23/2013	6:15 AM	75.6	81	4	ESE	30.017	0	0
12/23/2013	6:30 AM	75.4	83	6	ESE	30.016	0	0
12/23/2013	6:45 AM	75.2	84	4	ESE	30.021	0	0
12/23/2013	7:00 AM	75.6	83	6	E	30.028	0	0
12/23/2013	7:15 AM	75.7	83	6	ESE	30.029	0	0
12/23/2013	7:30 AM	76.5	81	6	ESE	30.031	0	0
12/23/2013	7:45 AM	77.1	81	5	ESE	30.034	0	0
12/23/2013	8:00 AM	78.3	79	7	ESE	30.042	0	0

12/23/2013	8:15 AM	77.6	81	10	ESE	30.052	0	0
12/23/2013	8:30 AM	78.5	81	8	ESE	30.057	0	0
12/23/2013	8:45 AM	79.6	76	8	E	30.061	0	0
12/23/2013	9:00 AM	80.6	75	8	E	30.059	0	0
12/23/2013	9:15 AM	81.7	75	7	ESE	30.065	0	0
12/23/2013	9:30 AM	82.5	72	10	E	30.066	0	0
12/23/2013	9:45 AM	80.3	76	10	E	30.073	0	0
12/23/2013	10:00 AM	79.6	77	6	ESE	30.059	0	0
12/23/2013	10:15 AM	81.9	72	8	E	30.062	0	0
12/23/2013	10:30 AM	83.6	69	9	E	30.055	0	0
12/23/2013	10:45 AM	83.8	68	13	E	30.051	0	0
12/23/2013	11:00 AM	82.9	70	10	E	30.054	0	0
12/23/2013	11:15 AM	85.2	65	11	E	30.049	0	0
12/23/2013	11:30 AM	84	65	13	E	30.048	0	0
12/23/2013	11:45 AM	81.4	71	8	ESE	30.052	0	0
12/23/2013	12:00 PM	80.3	73	8	E	30.044	0	0
12/23/2013	12:15 PM	80.8	74	7	ESE	30.033	0	0
12/23/2013	12:30 PM	82.3	71	9	E	30.022	0	0
12/23/2013	12:45 PM	83.7	70	11	E	30.01	0	0
12/23/2013	1:00 PM	85.3	64	12	ESE	30.002	0	0
12/23/2013	1:15 PM	86	62	11	E	30	0	0
12/23/2013	1:30 PM	85.4	61	15	ESE	29.997	0	0
12/23/2013	1:45 PM	86	60	13	E	29.985	0	0
12/23/2013	2:00 PM	86.3	62	13	ESE	29.985	0	0
12/23/2013	2:15 PM	86	60	13	E	29.981	0	0
12/23/2013	2:30 PM	86.4	59	13	E	29.975	0	0
12/23/2013	2:45 PM	86.2	61	12	E	29.975	0	0
12/23/2013	3:00 PM	84.8	64	9	E	29.971	0	0
12/23/2013	3:05 PM	85.8	61	9	ESE	29.972	0	0
12/23/2013	3:15 PM	85.2	64	11	E	29.972	0	0
12/23/2013	3:30 PM	84.4	63	12	E	29.972	0	0
12/23/2013	3:45 PM	84.7	62	10	ESE	29.972	0	0
12/23/2013	4:00 PM	84.1	61	9	E	29.969	0	0
12/23/2013	4:15 PM	83.7	62	10	E	29.969	0	0
12/23/2013	4:30 PM	83.1	63	10	E	29.973	0	0
12/23/2013	4:45 PM	82.4	64	11	E	29.976	0	0
12/23/2013	5:00 PM	81.1	65	11	E	29.982	0	0
12/23/2013	5:15 PM	80.1	66	12	E	29.985	0	0
12/23/2013	5:30 PM	79.5	67	10	E	29.996	0	0
12/23/2013	5:45 PM	78.9	68	9	ESE	29.995	0	0
12/23/2013	6:00 PM	78	71	9	E	29.997	0	0
12/23/2013	6:15 PM	77.3	74	13	ESE	29.999	0	0
12/23/2013	6:30 PM	76.8	78	9	ESE	29.984	0	0
12/23/2013	6:45 PM	76.1	79	9	ESE	29.991	0	0
12/23/2013	7:00 PM	76.4	78	5	E	29.99	0	0
12/23/2013	7:15 PM	76.8	77	4	ESE	29.984	0	0
12/23/2013	7:30 PM	76.9	77	4	ESE	29.985	0	0

12/23/2013	7:45 PM	76.4	76	6	ESE	29.982	0	0
12/23/2013	8:00 PM	77.2	75	8	E	29.983	0	0
12/23/2013	8:15 PM	77.7	73	4	E	29.985	0	0
12/23/2013	8:30 PM	77.7	72	5	ESE	29.973	0	0
12/23/2013	8:45 PM	77.9	68	9	E	29.975	0	0
12/23/2013	9:00 PM	77.6	70	8	E	29.985	0	0
12/23/2013	9:15 PM	77.6	69	8	ESE	29.993	0	0
12/23/2013	9:30 PM	77.8	70	6	E	29.997	0	0
12/23/2013	9:45 PM	77.8	70	6	ESE	29.999	0	0
12/23/2013	10:00 PM	76.9	73	4	ESE	30.007	0	0
12/23/2013	10:15 PM	76.4	72	5	ESE	30.002	0	0
12/23/2013	10:30 PM	76.7	72	5	ESE	30	0	0
12/23/2013	10:45 PM	76.7	71	8	ESE	30.001	0	0
12/23/2013	11:00 PM	76.9	72	7	E	29.993	0	0
12/23/2013	11:15 PM	76.9	72	5	E	29.992	0	0
12/23/2013	11:30 PM	77.3	72	7	E	29.988	0	0
12/23/2013	11:45 PM	76.9	74	6	ESE	29.98	0	0
12/24/2013	12:00 AM	76.9	75	4	ESE	29.973	0	0
12/24/2013	12:15 AM	76.3	76	3	ESE	29.962	0	0
12/24/2013	12:30 AM	75.8	78	3	ESE	29.953	0	0
12/24/2013	12:45 AM	75.9	77	2	ESE	29.947	0	0
12/24/2013	1:00 AM	76.7	75	3	ESE	29.945	0	0
12/24/2013	1:15 AM	76.5	75	5	E	29.942	0	0
12/24/2013	1:30 AM	76.6	76	5	E	29.945	0	0
12/24/2013	1:45 AM	76.7	74	4	ESE	29.946	0	0
12/24/2013	2:00 AM	76.3	76	5	ESE	29.945	0	0
12/24/2013	2:15 AM	76	77	3	ESE	29.938	0	0
12/24/2013	2:30 AM	76.5	76	4	ESE	29.927	0	0
12/24/2013	2:45 AM	76.2	75	0	ESE	29.93	0	0
12/24/2013	3:00 AM	76.1	76	4	ESE	29.933	0	0
12/24/2013	3:15 AM	75.3	77	5	ESE	29.918	0	0
12/24/2013	3:30 AM	75.9	76	6	ESE	29.912	0	0
12/24/2013	3:45 AM	75.9	77	6	E	29.913	0	0
12/24/2013	4:00 AM	75.6	77	6	E	29.912	0	0
12/24/2013	4:15 AM	75.9	79	5	ESE	29.905	0	0
12/24/2013	4:30 AM	75.8	79	4	ESE	29.9	0	0
12/24/2013	4:45 AM	76.2	78	4	ESE	29.903	0	0
12/24/2013	5:00 AM	76.6	77	3	ESE	29.91	0	0
12/24/2013	5:15 AM	76.4	78	4	ESE	29.898	0	0
12/24/2013	5:30 AM	76.8	77	2	ESE	29.889	0	0
12/24/2013	5:45 AM	76.1	78	3	ESE	29.893	0	0
12/24/2013	6:00 AM	75.6	80	4	ESE	29.903	0	0
12/24/2013	6:15 AM	75.4	78	4	ESE	29.914	0	0
12/24/2013	6:30 AM	75.4	78	5	E	29.914	0	0
12/24/2013	6:45 AM	75.7	76	4	ESE	29.917	0	0
12/24/2013	7:00 AM	76.3	78	5	ESE	29.93	0	0
12/24/2013	7:15 AM	76	80	6	ESE	29.934	0	0

12/24/2013	7:30 AM	76	80	6	ESE	29.936	0	0
12/24/2013	7:45 AM	75.1	83	4	ESE	29.945	0	0
12/24/2013	8:00 AM	73.7	82	3	N	29.965	0	0
12/24/2013	8:15 AM	73.7	86	4	NNW	29.968	0.04	0.72
12/24/2013	8:30 AM	71.8	89	4	ENE	29.988	0.05	1.15
12/24/2013	8:45 AM	70.5	91	5	ENE	29.995	0.01	0.11
12/24/2013	9:00 AM	71.3	91	4	ENE	29.986	0	0
12/24/2013	9:15 AM	70.6	90	6	ENE	29.987	0	0
12/24/2013	9:30 AM	71.3	90	1	ESE	29.981	0	0
12/24/2013	9:45 AM	71.9	89	2	ESE	29.98	0	0
12/24/2013	10:00 AM	71.2	89	4	E	29.983	0	0
12/24/2013	10:15 AM	72.6	91	5	ESE	29.983	0	0
12/24/2013	10:30 AM	73.8	89	5	E	29.972	0	0
12/24/2013	10:45 AM	74.7	88	4	ESE	29.977	0	0
12/24/2013	11:00 AM	76.5	84	3	ESE	29.977	0	0
12/24/2013	11:15 AM	78.4	81	2	ESE	29.965	0	0
12/24/2013	11:30 AM	79	79	5	ESE	29.959	0	0
12/24/2013	11:45 AM	80	77	6	ESE	29.95	0	0
12/24/2013	12:00 PM	80.2	77	6	ESE	29.945	0	0
12/24/2013	12:15 PM	81.1	77	5	ESE	29.946	0	0
12/24/2013	12:30 PM	81.5	75	7	E	29.941	0	0
12/24/2013	12:45 PM	82.8	72	5	E	29.929	0	0
12/24/2013	1:00 PM	83.3	72	6	E	29.922	0	0
12/24/2013	1:15 PM	82.9	72	7	ESE	29.924	0	0
12/24/2013	1:30 PM	82.7	76	5	ESE	29.921	0	0
12/24/2013	1:45 PM	82.1	73	6	ESE	29.914	0	0
12/24/2013	2:00 PM	83.2	71	5	ESE	29.908	0	0
12/24/2013	2:15 PM	82.4	71	5	ESE	29.902	0	0
12/24/2013	2:30 PM	82.7	71	6	E	29.898	0	0
12/24/2013	2:45 PM	82.7	73	6	ESE	29.895	0	0
12/24/2013	3:00 PM	81.7	75	7	ESE	29.892	0	0
12/24/2013	3:05 PM	81.7	75	7	ESE	29.892	0	0
12/24/2013	3:15 PM	81.3	76	6	ESE	29.891	0	0
12/24/2013	3:30 PM	81.6	77	5	ESE	29.886	0	0
12/24/2013	3:45 PM	80.1	78	8	ESE	29.884	0	0
12/24/2013	4:00 PM	79.5	79	8	ESE	29.881	0	0
12/24/2013	4:15 PM	79.1	78	7	ESE	29.887	0	0
12/24/2013	4:30 PM	79	77	4	E	29.894	0	0
12/24/2013	4:45 PM	79.3	77	2	ESE	29.894	0	0
12/24/2013	5:00 PM	79.5	78	2	ESE	29.888	0	0
12/24/2013	5:15 PM	78.5	78	3	ESE	29.89	0	0
12/24/2013	5:30 PM	78.7	78	2	ESE	29.9	0	0
12/24/2013	5:45 PM	77.8	76	2	ESE	29.901	0	0
12/24/2013	6:00 PM	77.5	77	2	ESE	29.905	0	0
12/24/2013	6:15 PM	77.4	76	1	ESE	29.907	0	0
12/24/2013	6:30 PM	76.6	79	1	ESE	29.911	0	0
12/24/2013	6:45 PM	76.3	79	1	ESE	29.909	0	0

12/24/2013	7:00 PM	76.4	79	1	ESE	29.912	0	0
12/24/2013	7:15 PM	76	80	1	ESE	29.911	0	0
12/24/2013	7:30 PM	75.2	83	2	ESE	29.924	0	0
12/24/2013	7:45 PM	75.2	83	1	ESE	29.927	0	0
12/24/2013	8:00 PM	75.6	83	1	ESE	29.935	0	0
12/24/2013	8:15 PM	75	83	1	ESE	29.937	0	0
12/24/2013	8:30 PM	75.6	83	2	ESE	29.932	0	0
12/24/2013	8:45 PM	74.6	83	8	SE	29.954	0	0
12/24/2013	9:00 PM	73.6	86	6	E	29.953	0	0
12/24/2013	9:15 PM	73.6	85	2	ESE	29.96	0	0
12/24/2013	9:30 PM	73	85	2	ESE	29.97	0	0
12/24/2013	9:45 PM	71.2	83	7	SW	29.991	0.01	0.22
12/24/2013	10:00 PM	71.9	85	2	WNW	29.98	0	0
12/24/2013	10:15 PM	71.6	85	0	WNW	29.978	0	0
12/24/2013	10:30 PM	71	85	1	NNW	29.971	0	0
12/24/2013	10:45 PM	70.7	87	2	NNW	29.976	0	0
12/24/2013	11:00 PM	70.9	89	1	ENE	29.974	0	0
12/24/2013	11:15 PM	69.9	90	4	E	29.97	0.01	0.08
12/24/2013	11:30 PM	70.1	90	1	E	29.961	0	0
12/24/2013	11:45 PM	70.3	89	0	E	29.951	0	0
12/25/2013	12:00 AM	70.1	89	0	E	29.949	0	0
12/25/2013	12:15 AM	70.9	89	0	E	29.952	0	0
12/25/2013	12:30 AM	70.2	89	2	E	29.953	0	0
12/25/2013	12:45 AM	70.4	88	1	E	29.938	0	0
12/25/2013	1:00 AM	70.4	87	2	ESE	29.93	0	0
12/25/2013	1:15 AM	70.4	86	0	ESE	29.918	0	0
12/25/2013	1:30 AM	69.9	88	0	ESE	29.91	0	0
12/25/2013	1:45 AM	70.2	88	0	ESE	29.904	0	0
12/25/2013	2:00 AM	70.5	88	0	ESE	29.9	0	0
12/25/2013	2:15 AM	70.4	88	2	ESE	29.895	0	0
12/25/2013	2:30 AM	70.2	88	2	ESE	29.89	0	0
12/25/2013	2:45 AM	70.6	88	0	ESE	29.888	0	0
12/25/2013	3:00 AM	69.9	88	0	ESE	29.881	0	0
12/25/2013	3:15 AM	68.6	88	0	---	29.883	0	0
12/25/2013	3:30 AM	68.9	89	0	ESE	29.883	0	0
12/25/2013	3:45 AM	69.2	89	0	ESE	29.883	0	0
12/25/2013	4:00 AM	69.7	90	0	ESE	29.89	0	0
12/25/2013	4:15 AM	69.5	89	0	ESE	29.893	0	0
12/25/2013	4:30 AM	69.4	89	0	ESE	29.892	0	0
12/25/2013	4:45 AM	68.9	89	2	ESE	29.902	0	0
12/25/2013	5:00 AM	69.1	87	0	ESE	29.896	0	0
12/25/2013	5:15 AM	69.2	87	1	ESE	29.897	0	0
12/25/2013	5:30 AM	69.3	85	0	ESE	29.897	0	0
12/25/2013	5:45 AM	69.7	85	0	ESE	29.896	0	0
12/25/2013	6:00 AM	70.5	84	0	ESE	29.897	0	0
12/25/2013	6:15 AM	70.1	84	0	ESE	29.904	0	0
12/25/2013	6:30 AM	69.8	84	0	ESE	29.906	0	0

12/25/2013	6:45 AM	70.7	84	0	ESE	29.921	0	0
12/25/2013	7:00 AM	69.9	85	2	ESE	29.939	0	0
12/25/2013	7:15 AM	70.4	86	2	ESE	29.947	0	0
12/25/2013	7:30 AM	71.7	84	2	ESE	29.945	0	0
12/25/2013	7:45 AM	72	83	1	ESE	29.947	0	0
12/25/2013	8:00 AM	72.4	85	2	ESE	29.951	0	0
12/25/2013	8:15 AM	73.4	85	2	ESE	29.955	0	0
12/25/2013	8:30 AM	74.5	84	1	ESE	29.962	0	0
12/25/2013	8:45 AM	75	85	1	ESE	29.967	0	0
12/25/2013	9:00 AM	76.4	86	3	ESE	29.971	0	0
12/25/2013	9:15 AM	76.9	84	5	ESE	29.975	0	0
12/25/2013	9:30 AM	76.5	85	7	ESE	29.978	0	0
12/25/2013	9:45 AM	77.5	83	6	ESE	29.983	0	0
12/25/2013	10:00 AM	78.3	83	5	E	29.993	0	0
12/25/2013	10:15 AM	80.2	78	4	ESE	29.996	0	0
12/25/2013	10:30 AM	80.5	77	4	ESE	29.997	0	0
12/25/2013	10:45 AM	81.7	74	6	ESE	29.994	0	0
12/25/2013	11:00 AM	82	73	6	E	29.99	0	0
12/25/2013	11:15 AM	81.4	70	7	S	29.984	0	0
12/25/2013	11:30 AM	82.6	68	6	SE	29.977	0	0
12/25/2013	11:45 AM	81.3	67	6	ESE	29.969	0	0
12/25/2013	12:00 PM	82.4	65	7	ESE	29.961	0	0
12/25/2013	12:15 PM	82.2	68	8	ESE	29.956	0	0
12/25/2013	12:30 PM	82.6	66	6	ESE	29.951	0	0
12/25/2013	12:45 PM	81.1	67	6	SE	29.946	0	0
12/25/2013	1:00 PM	81.5	67	5	ESE	29.949	0	0
12/25/2013	1:15 PM	81.1	71	4	SE	29.941	0	0
12/25/2013	1:30 PM	80.6	75	6	ESE	29.94	0	0
12/25/2013	1:45 PM	81.1	74	6	ESE	29.929	0	0
12/25/2013	2:00 PM	81.2	73	6	ESE	29.925	0	0
12/25/2013	2:15 PM	81.5	70	5	ESE	29.919	0	0
12/25/2013	2:30 PM	81	72	5	ESE	29.914	0	0
12/25/2013	2:45 PM	80.7	72	6	ESE	29.91	0	0
12/25/2013	3:00 PM	81.5	72	4	ESE	29.909	0	0
12/25/2013	3:05 PM	81.8	71	2	ESE	29.909	0	0
12/25/2013	3:15 PM	82.5	69	2	ESE	29.908	0	0
12/25/2013	3:30 PM	82.6	68	1	ESE	29.909	0	0
12/25/2013	3:45 PM	83.6	65	3	WSW	29.91	0	0
12/25/2013	4:00 PM	83.2	67	1	ESE	29.913	0	0
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12/25/2013	4:30 PM	81.2	71	3	E	29.919	0	0
12/25/2013	4:45 PM	80.3	74	5	ESE	29.923	0	0
12/25/2013	5:00 PM	80.3	73	5	E	29.925	0	0
12/25/2013	5:15 PM	79.8	74	4	ESE	29.929	0	0
12/25/2013	5:30 PM	79.8	75	3	E	29.937	0	0
12/25/2013	5:45 PM	78.8	76	3	E	29.941	0	0
12/25/2013	6:00 PM	78.2	77	1	E	29.945	0	0

12/25/2013	6:15 PM	77.5	79	1	E	29.949	0	0
12/25/2013	6:30 PM	76.9	81	2	E	29.957	0	0
12/25/2013	6:45 PM	76.2	82	1	E	29.963	0	0
12/25/2013	7:00 PM	75.5	84	1	E	29.969	0	0
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12/25/2013	8:45 PM	74.6	83	0	E	30.012	0	0
12/25/2013	9:00 PM	74.2	84	1	E	30.01	0	0
12/25/2013	9:15 PM	74	85	0	E	30.011	0	0
12/25/2013	9:30 PM	73.7	83	1	E	30.01	0	0
12/25/2013	9:45 PM	72.8	83	1	E	30.011	0	0
12/25/2013	10:00 PM	73.3	84	0	E	30.009	0	0
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12/25/2013	11:00 PM	72	84	0	E	30.005	0	0
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12/25/2013	11:30 PM	71.9	86	0	E	29.999	0	0
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12/26/2013	12:30 AM	71.2	85	1	E	29.989	0	0
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12/26/2013	1:00 AM	71.9	83	1	E	29.986	0	0
12/26/2013	1:15 AM	71.9	83	0	E	29.983	0	0
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12/26/2013	2:30 AM	69.6	86	1	E	29.973	0	0
12/26/2013	2:45 AM	69.7	85	1	E	29.968	0	0
12/26/2013	3:00 AM	71	86	1	E	29.966	0	0
12/26/2013	3:15 AM	71.8	84	1	E	29.963	0	0
12/26/2013	3:30 AM	71.7	82	0	E	29.961	0	0
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12/26/2013	5:15 AM	71.9	84	3	E	29.977	0	0
12/26/2013	5:30 AM	71.7	84	3	E	29.98	0	0
12/26/2013	5:45 AM	73	81	2	E	29.98	0	0

12/26/2013	6:00 AM	73.5	80	2	E	29.983	0	0
12/26/2013	6:15 AM	73.2	81	2	E	29.991	0	0
12/26/2013	6:30 AM	73.1	82	1	E	29.994	0	0
12/26/2013	6:45 AM	73.3	82	2	E	29.999	0	0
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12/26/2013	7:45 AM	75.3	80	1	E	30.023	0	0
12/26/2013	8:00 AM	77.2	80	2	E	30.027	0	0
12/26/2013	8:15 AM	79	81	2	E	30.034	0	0
12/26/2013	8:30 AM	79.5	78	5	E	30.039	0	0
12/26/2013	8:45 AM	80.6	76	5	E	30.045	0	0
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12/26/2013	12:45 PM	84.7	72	12	E	30.045	0	0
12/26/2013	1:00 PM	84.4	73	11	ESE	30.044	0	0
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12/26/2013	2:15 PM	84.8	73	12	ESE	30.01	0	0
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12/26/2013	4:45 PM	82.2	77	8	ESE	30.014	0	0
12/26/2013	5:00 PM	81.7	78	9	ESE	30.013	0	0
12/26/2013	5:15 PM	81.4	79	9	ESE	30.016	0	0

12/26/2013	5:30 PM	81.2	79	6	ESE	30.017	0	0
12/26/2013	5:45 PM	80.8	79	6	E	30.021	0	0
12/26/2013	6:00 PM	79	76	11	E	30.025	0	0
12/26/2013	6:15 PM	78.6	78	7	ESE	30.03	0	0
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12/26/2013	11:45 PM	77.9	85	2	ESE	30.085	0	0
12/27/2013	12:00 AM	77.1	85	3	ESE	30.083	0	0
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12/27/2013	1:15 AM	76.8	86	3	ESE	30.07	0	0
12/27/2013	1:30 AM	77.5	85	4	ESE	30.061	0	0
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12/27/2013	5:00 AM	77.2	86	2	ESE	30.03	0	0

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12/27/2013	6:00 AM	76.9	85	3	ESE	30.035	0	0
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12/27/2013	4:15 PM	83.4	71	9	ESE	30.027	0	0
12/27/2013	4:30 PM	82.3	74	9	ESE	30.031	0	0

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12/27/2013	5:15 PM	81.7	76	7	E	30.041	0	0
12/27/2013	5:30 PM	81	76	8	ESE	30.045	0	0
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12/27/2013	10:00 PM	77.5	84	3	ESE	30.101	0	0
12/27/2013	10:15 PM	77.4	83	3	ESE	30.103	0	0
12/27/2013	10:30 PM	77	84	3	ESE	30.099	0	0
12/27/2013	10:45 PM	77.4	83	3	ESE	30.096	0	0
12/27/2013	11:00 PM	77.1	84	3	ESE	30.094	0	0
12/27/2013	11:15 PM	77.3	84	3	ESE	30.094	0	0
12/27/2013	11:30 PM	77.1	85	3	ESE	30.089	0	0
12/27/2013	11:45 PM	76.8	85	2	ESE	30.087	0	0
12/28/2013	12:00 AM	76.9	84	3	ESE	30.08	0	0
12/28/2013	12:15 AM	76.6	83	3	ESE	30.074	0	0
12/28/2013	12:30 AM	76.7	84	2	ESE	30.074	0	0
12/28/2013	12:45 AM	76.7	84	3	ESE	30.073	0	0
12/28/2013	1:00 AM	76.5	84	3	ESE	30.066	0	0
12/28/2013	1:15 AM	76.7	84	3	ESE	30.061	0	0
12/28/2013	1:30 AM	76.4	85	3	ESE	30.056	0	0
12/28/2013	1:45 AM	77	83	2	ESE	30.05	0	0
12/28/2013	2:00 AM	77	83	2	ESE	30.046	0	0
12/28/2013	2:15 AM	76.5	84	2	ESE	30.037	0	0
12/28/2013	2:30 AM	76.6	83	2	ESE	30.032	0	0
12/28/2013	2:45 AM	76.5	84	3	ESE	30.027	0	0
12/28/2013	3:00 AM	75.9	85	4	ESE	30.019	0	0
12/28/2013	3:15 AM	76.2	84	4	ESE	30.016	0	0
12/28/2013	3:30 AM	76.1	84	3	ESE	30.012	0	0
12/28/2013	3:45 AM	76.2	84	3	ESE	30.012	0	0
12/28/2013	4:00 AM	76.7	82	2	ESE	30.013	0	0
12/28/2013	4:15 AM	76.5	83	3	ESE	30.016	0	0

12/28/2013	4:30 AM	76	83	1	ESE	30.02	0	0
12/28/2013	4:45 AM	77	81	2	ESE	30.02	0	0
12/28/2013	5:00 AM	76.8	81	1	ESE	30.022	0	0
12/28/2013	5:15 AM	76.9	81	3	ESE	30.026	0	0
12/28/2013	5:30 AM	77.3	80	1	ESE	30.025	0	0
12/28/2013	5:45 AM	76.9	81	1	ESE	30.032	0	0
12/28/2013	6:00 AM	76.5	81	2	ESE	30.037	0	0
12/28/2013	6:15 AM	75.8	83	2	ESE	30.043	0	0
12/28/2013	6:30 AM	76.1	83	1	ESE	30.045	0	0
12/28/2013	6:45 AM	76	82	1	ESE	30.05	0	0
12/28/2013	7:00 AM	75.5	85	0	ESE	30.053	0	0
12/28/2013	7:15 AM	75	84	1	ESE	30.061	0	0
12/28/2013	7:30 AM	75.7	84	0	ESE	30.065	0	0
12/28/2013	7:45 AM	78.7	78	1	ESE	30.067	0	0
12/28/2013	8:00 AM	78.7	80	4	ESE	30.074	0	0
12/28/2013	8:15 AM	79.4	79	5	ESE	30.074	0	0
12/28/2013	8:30 AM	79.9	79	5	ESE	30.078	0	0
12/28/2013	8:45 AM	80.8	76	6	E	30.086	0	0
12/28/2013	9:00 AM	80.7	76	9	E	30.085	0	0
12/28/2013	9:15 AM	81.8	74	9	ESE	30.085	0	0
12/28/2013	9:30 AM	82.3	74	10	ESE	30.09	0	0
12/28/2013	9:45 AM	82.6	74	9	E	30.092	0	0
12/28/2013	10:00 AM	84.2	71	8	E	30.092	0	0
12/28/2013	10:15 AM	84.8	69	9	E	30.089	0	0
12/28/2013	10:30 AM	84.8	68	9	E	30.086	0	0
12/28/2013	10:45 AM	84.9	69	10	ESE	30.08	0	0
12/28/2013	11:00 AM	85.6	67	11	ESE	30.078	0	0
12/28/2013	11:15 AM	85.5	65	11	ESE	30.074	0	0
12/28/2013	11:30 AM	86.2	61	9	E	30.068	0	0
12/28/2013	11:45 AM	87.2	63	10	ESE	30.063	0	0
12/28/2013	12:00 PM	87.2	62	10	ESE	30.057	0	0
12/28/2013	12:15 PM	85.8	66	10	SE	30.049	0	0
12/28/2013	12:30 PM	85.9	71	11	ESE	30.046	0	0
12/28/2013	12:45 PM	85.2	70	9	ESE	30.038	0	0
12/28/2013	1:00 PM	86.6	64	9	ESE	30.029	0	0
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12/28/2013	1:30 PM	84.6	69	11	SE	30.013	0	0
12/28/2013	1:45 PM	85.9	69	10	ESE	30.011	0	0
12/28/2013	2:00 PM	83.7	73	8	SE	30.007	0	0
12/28/2013	2:15 PM	85.2	72	9	ESE	30.002	0	0
12/28/2013	2:30 PM	84.6	73	10	SE	30.001	0	0
12/28/2013	2:45 PM	85.1	71	9	SE	30.001	0	0
12/28/2013	3:00 PM	83.6	72	10	ESE	29.997	0	0
12/28/2013	3:05 PM	83.6	73	10	ESE	29.997	0	0
12/28/2013	3:15 PM	83.9	71	9	ESE	29.996	0	0
12/28/2013	3:30 PM	83.6	71	9	ESE	29.996	0	0
12/28/2013	3:45 PM	82.6	74	11	SE	29.989	0	0

12/28/2013	4:00 PM	82.2	75	11	SE	29.988	0	0
12/28/2013	4:15 PM	82.7	74	10	ESE	29.993	0	0
12/28/2013	4:30 PM	81.5	76	13	ESE	29.994	0	0
12/28/2013	4:45 PM	81.6	72	10	E	30.004	0	0
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12/28/2013	5:15 PM	80.7	73	6	ESE	30.012	0	0
12/28/2013	5:30 PM	80.9	73	6	E	30.013	0	0
12/28/2013	5:45 PM	80.8	74	5	E	30.013	0	0
12/28/2013	6:00 PM	79.9	75	6	E	30.013	0	0
12/28/2013	6:15 PM	79.2	77	6	E	30.011	0	0
12/28/2013	6:30 PM	78.4	77	5	E	30.015	0	0
12/28/2013	6:45 PM	78.6	77	6	E	30.024	0	0
12/28/2013	7:00 PM	78	78	6	ESE	30.03	0	0
12/28/2013	7:15 PM	77.9	80	7	E	30.032	0	0
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12/28/2013	9:15 PM	77.1	80	5	ESE	30.05	0	0
12/28/2013	9:30 PM	76.8	80	5	ESE	30.057	0	0
12/28/2013	9:45 PM	77.1	80	3	ESE	30.067	0	0
12/28/2013	10:00 PM	76.6	80	2	ESE	30.066	0	0
12/28/2013	10:15 PM	76.7	78	3	E	30.061	0	0
12/28/2013	10:30 PM	77.2	79	3	ESE	30.05	0	0
12/28/2013	10:45 PM	77.6	79	2	ESE	30.049	0	0
12/28/2013	11:00 PM	77.5	79	3	ESE	30.043	0	0
12/28/2013	11:15 PM	77	81	3	ESE	30.043	0	0
12/28/2013	11:30 PM	76.9	81	3	ESE	30.043	0	0
12/28/2013	11:45 PM	77.1	81	2	ESE	30.041	0	0
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12/29/2013	1:45 AM	76.2	83	2	ESE	30.013	0	0
12/29/2013	2:00 AM	75.7	83	3	ESE	30.006	0	0
12/29/2013	2:15 AM	76	83	3	ESE	29.999	0	0
12/29/2013	2:30 AM	75.7	85	3	ESE	29.989	0	0
12/29/2013	2:45 AM	75.3	84	5	E	29.984	0	0
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12/29/2013	3:15 AM	75.8	84	5	ESE	29.979	0	0
12/29/2013	3:30 AM	75.3	85	5	ESE	29.972	0	0

12/29/2013	3:45 AM	75.5	84	4	ESE	29.967	0	0
12/29/2013	4:00 AM	75.5	85	4	ESE	29.971	0	0
12/29/2013	4:15 AM	75.4	84	6	E	29.969	0	0
12/29/2013	4:30 AM	75.5	84	6	ESE	29.97	0	0
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12/29/2013	1:45 PM	85.7	68	11	ESE	29.99	0	0
12/29/2013	2:00 PM	84	69	13	E	29.988	0	0
12/29/2013	2:15 PM	82.3	71	12	ESE	29.989	0	0
12/29/2013	2:30 PM	82.5	71	7	E	29.987	0	0
12/29/2013	2:45 PM	84.7	67	8	ESE	29.981	0	0
12/29/2013	3:00 PM	84.1	68	9	E	29.973	0	0
12/29/2013	3:05 PM	84.2	69	7	E	29.971	0	0

12/29/2013	3:15 PM	84.4	68	10	ESE	29.969	0	0
12/29/2013	3:30 PM	82.2	76	11	ESE	29.968	0	0
12/29/2013	3:45 PM	82.2	72	10	E	29.968	0	0
12/29/2013	4:00 PM	82.9	69	9	ESE	29.968	0	0
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12/29/2013	5:45 PM	80	73	7	E	29.994	0	0
12/29/2013	6:00 PM	77	83	7	E	30.001	0.01	0
12/29/2013	6:15 PM	75.9	84	6	E	30.006	0	0
12/29/2013	6:30 PM	76.1	85	3	E	30.008	0	0
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12/29/2013	8:45 PM	76.4	85	4	ESE	30.049	0	0
12/29/2013	9:00 PM	76.4	84	6	ESE	30.053	0	0
12/29/2013	9:15 PM	76	84	7	E	30.058	0	0
12/29/2013	9:30 PM	76.2	84	6	ESE	30.063	0	0
12/29/2013	9:45 PM	76.4	83	6	ESE	30.06	0	0
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12/30/2013	2:15 AM	76.1	81	4	ESE	30.022	0	0
12/30/2013	2:30 AM	76.2	82	4	ESE	30.016	0	0
12/30/2013	2:45 AM	76.2	82	3	ESE	30.015	0	0

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12/30/2013	3:15 AM	75.7	83	3	ESE	30.009	0	0
12/30/2013	3:30 AM	75.7	83	4	E	30.005	0	0
12/30/2013	3:45 AM	75.3	84	4	E	30.004	0	0
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12/30/2013	11:15 AM	86.5	66	9	E	30.078	0	0
12/30/2013	11:30 AM	85.9	65	10	ESE	30.074	0	0
12/30/2013	11:45 AM	87.1	65	7	ESE	30.07	0	0
12/30/2013	12:00 PM	87.3	63	9	ESE	30.062	0	0
12/30/2013	12:15 PM	86	65	9	ESE	30.057	0	0
12/30/2013	12:30 PM	84.2	67	12	ESE	30.053	0	0
12/30/2013	12:45 PM	77.9	87	12	E	30.06	0.01	0
12/30/2013	1:00 PM	79.2	88	8	ESE	30.056	0	0
12/30/2013	1:15 PM	80.2	87	8	ESE	30.05	0	0
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12/30/2013	2:00 PM	83.8	74	8	ESE	30.027	0	0
12/30/2013	2:15 PM	83.5	76	7	E	30.021	0	0
12/30/2013	2:30 PM	83.7	73	9	E	30.022	0	0

12/30/2013	2:45 PM	83.8	72	14	ESE	30.014	0	0
12/30/2013	3:00 PM	82.7	74	13	ESE	30.012	0	0
12/30/2013	3:05 PM	82.9	75	13	ESE	30.01	0	0
12/30/2013	3:15 PM	83	73	14	ESE	30.01	0	0
12/30/2013	3:30 PM	83.7	71	12	ESE	30.008	0	0
12/30/2013	3:45 PM	82.8	72	11	ESE	30.007	0	0
12/30/2013	4:00 PM	83.8	69	9	E	30.003	0	0
12/30/2013	4:15 PM	82.4	75	10	ESE	30.006	0	0
12/30/2013	4:30 PM	82.6	71	12	ESE	30.009	0	0
12/30/2013	4:45 PM	82.4	72	10	E	30.01	0	0
12/30/2013	5:00 PM	81.4	75	8	ESE	30.011	0	0
12/30/2013	5:15 PM	81.2	75	9	ESE	30.014	0	0
12/30/2013	5:30 PM	80.9	75	9	E	30.018	0	0
12/30/2013	5:45 PM	80.3	77	7	E	30.022	0	0
12/30/2013	6:00 PM	79.2	78	6	E	30.024	0	0
12/30/2013	6:15 PM	79.1	79	6	ESE	30.029	0	0
12/30/2013	6:30 PM	78.3	80	8	ESE	30.034	0	0
12/30/2013	6:45 PM	78.4	81	6	ESE	30.036	0	0
12/30/2013	7:00 PM	78	82	6	ESE	30.035	0	0
12/30/2013	7:15 PM	78.1	82	5	E	30.037	0	0
12/30/2013	7:30 PM	77.7	82	6	E	30.044	0	0
12/30/2013	7:45 PM	77.2	83	7	E	30.051	0	0
12/30/2013	8:00 PM	77.8	81	8	ESE	30.052	0	0
12/30/2013	8:15 PM	77.9	80	8	E	30.055	0	0
12/30/2013	8:30 PM	77.7	82	7	E	30.054	0	0
12/30/2013	8:45 PM	77.4	82	8	E	30.059	0	0
12/30/2013	9:00 PM	77.4	83	8	ESE	30.063	0	0
12/30/2013	9:15 PM	77.3	83	7	E	30.063	0	0
12/30/2013	9:30 PM	76.8	84	7	E	30.066	0	0
12/30/2013	9:45 PM	76.7	84	8	E	30.066	0	0
12/30/2013	10:00 PM	76.6	83	8	E	30.065	0	0
12/30/2013	10:15 PM	76.4	83	8	E	30.067	0	0
12/30/2013	10:30 PM	76.5	83	8	ESE	30.068	0	0
12/30/2013	10:45 PM	76.9	82	8	E	30.067	0	0
12/30/2013	11:00 PM	76.7	83	8	ESE	30.064	0	0
12/30/2013	11:15 PM	76.6	83	8	E	30.059	0	0
12/30/2013	11:30 PM	76.7	83	7	E	30.054	0	0
12/30/2013	11:45 PM	76.2	85	7	E	30.053	0	0
12/31/2013	12:00 AM	76.7	83	7	E	30.049	0	0
12/31/2013	12:15 AM	76.4	84	5	ESE	30.051	0	0
12/31/2013	12:30 AM	76.5	83	5	ESE	30.05	0	0
12/31/2013	12:45 AM	76.4	83	5	ESE	30.048	0	0
12/31/2013	1:00 AM	76	83	6	E	30.048	0	0
12/31/2013	1:15 AM	76.3	83	5	E	30.046	0	0
12/31/2013	1:30 AM	76.4	83	5	E	30.04	0	0
12/31/2013	1:45 AM	76.7	82	4	ESE	30.038	0	0
12/31/2013	2:00 AM	76.3	82	4	ESE	30.033	0	0

12/31/2013	2:15 AM	76.3	82	4	ESE	30.03	0	0
12/31/2013	2:30 AM	76.2	82	4	ESE	30.022	0	0
12/31/2013	2:45 AM	76.1	82	5	ESE	30.021	0	0
12/31/2013	3:00 AM	76.2	83	6	ESE	30.02	0	0
12/31/2013	3:15 AM	76.2	82	5	ESE	30.016	0	0
12/31/2013	3:30 AM	75.7	83	5	ESE	30.012	0	0
12/31/2013	3:45 AM	75.7	84	5	ESE	30.01	0	0
12/31/2013	4:00 AM	74.9	85	5	E	30.011	0	0
12/31/2013	4:15 AM	75.6	84	4	ESE	30.011	0	0
12/31/2013	4:30 AM	75.3	84	4	ESE	30.009	0	0
12/31/2013	4:45 AM	75.7	83	4	ESE	30.012	0	0
12/31/2013	5:00 AM	75.7	83	3	ESE	30.013	0	0
12/31/2013	5:15 AM	75.3	83	4	ESE	30.013	0	0
12/31/2013	5:30 AM	75.4	83	5	ESE	30.017	0	0
12/31/2013	5:45 AM	74.9	83	4	ESE	30.019	0	0
12/31/2013	6:00 AM	75.3	83	3	ESE	30.024	0	0
12/31/2013	6:15 AM	74.8	84	4	ESE	30.026	0	0
12/31/2013	6:30 AM	75.6	82	4	ESE	30.031	0	0
12/31/2013	6:45 AM	75.3	83	6	E	30.037	0	0
12/31/2013	7:00 AM	76.1	82	5	E	30.044	0	0
12/31/2013	7:15 AM	76	82	6	E	30.054	0	0
12/31/2013	7:30 AM	76.6	81	6	ESE	30.059	0	0
12/31/2013	7:45 AM	76.9	79	9	E	30.066	0	0
12/31/2013	8:00 AM	78.1	78	7	E	30.07	0	0
12/31/2013	8:15 AM	78.9	77	9	ESE	30.075	0	0
12/31/2013	8:30 AM	79.4	76	9	ESE	30.081	0	0
12/31/2013	8:45 AM	80.4	75	9	E	30.086	0	0
12/31/2013	9:00 AM	81.1	73	10	E	30.094	0	0
12/31/2013	9:15 AM	81.9	72	9	E	30.099	0	0
12/31/2013	9:30 AM	82	71	10	E	30.103	0	0
12/31/2013	9:45 AM	83.4	70	9	E	30.101	0	0
12/31/2013	10:00 AM	83.6	65	12	E	30.101	0	0
12/31/2013	10:15 AM	83.9	65	13	ESE	30.103	0	0
12/31/2013	10:30 AM	84.8	62	11	E	30.104	0	0
12/31/2013	10:45 AM	85.6	61	10	ESE	30.1	0	0
12/31/2013	11:00 AM	85.4	63	8	ESE	30.099	0	0
12/31/2013	11:15 AM	85.2	63	10	E	30.096	0	0
12/31/2013	11:30 AM	86	62	11	E	30.092	0	0
12/31/2013	11:45 AM	86.9	61	12	ESE	30.087	0	0
12/31/2013	12:00 PM	87.7	57	9	E	30.079	0	0
12/31/2013	12:15 PM	87.9	58	11	ESE	30.07	0	0
12/31/2013	12:30 PM	85.8	60	12	ESE	30.062	0	0
12/31/2013	12:45 PM	87.2	57	12	E	30.057	0	0
12/31/2013	1:00 PM	87.5	57	10	ESE	30.051	0	0
12/31/2013	1:15 PM	86.6	58	12	E	30.041	0	0
12/31/2013	1:30 PM	87.8	55	10	E	30.035	0	0
12/31/2013	1:45 PM	87.8	56	9	E	30.028	0	0

12/31/2013	2:00 PM	87.3	55	10	E	30.026	0	0
12/31/2013	2:15 PM	86.6	60	11	ESE	30.019	0	0
12/31/2013	2:30 PM	86.3	60	11	ESE	30.015	0	0
12/31/2013	2:45 PM	86.5	61	13	ESE	30.016	0	0
12/31/2013	3:00 PM	86.7	61	11	ESE	30.016	0	0
12/31/2013	3:05 PM	86.1	61	11	E	30.013	0	0
12/31/2013	3:15 PM	86.2	60	10	ESE	30.012	0	0
12/31/2013	3:30 PM	86.1	58	10	E	30.011	0	0
12/31/2013	3:45 PM	85.5	60	9	ESE	30.009	0	0
12/31/2013	4:00 PM	85.5	61	8	ESE	30.007	0	0
12/31/2013	4:15 PM	85.1	62	8	E	30.013	0	0
12/31/2013	4:30 PM	84.4	63	8	ESE	30.013	0	0
12/31/2013	4:45 PM	84.3	65	7	E	30.02	0	0
12/31/2013	5:00 PM	83.3	66	8	ESE	30.022	0	0
12/31/2013	5:15 PM	82.1	70	7	ESE	30.027	0	0
12/31/2013	5:30 PM	81.4	72	6	E	30.027	0	0
12/31/2013	5:45 PM	80.9	71	6	E	30.031	0	0
12/31/2013	6:00 PM	80.4	72	8	E	30.031	0	0
12/31/2013	6:15 PM	80.8	72	4	ESE	30.034	0	0
12/31/2013	6:30 PM	79.8	72	5	E	30.04	0	0
12/31/2013	6:45 PM	80.1	71	3	ESE	30.047	0	0
12/31/2013	7:00 PM	79.4	72	3	ESE	30.049	0	0
12/31/2013	7:15 PM	78.3	71	5	ESE	30.052	0	0
12/31/2013	7:30 PM	78.2	70	4	E	30.057	0	0
12/31/2013	7:45 PM	77.9	68	3	E	30.057	0	0
12/31/2013	8:00 PM	78.3	70	4	ESE	30.057	0	0
12/31/2013	8:15 PM	78.1	73	5	E	30.061	0	0
12/31/2013	8:30 PM	77.7	74	5	ESE	30.06	0	0
12/31/2013	8:45 PM	77.8	74	5	E	30.068	0	0
12/31/2013	9:00 PM	77.8	75	4	E	30.071	0	0
12/31/2013	9:15 PM	77.5	75	5	E	30.072	0	0
12/31/2013	9:30 PM	77.2	76	5	E	30.073	0	0
12/31/2013	9:45 PM	77.3	76	4	E	30.077	0	0
12/31/2013	10:00 PM	76.9	78	5	E	30.079	0	0
12/31/2013	10:15 PM	77.1	75	4	ESE	30.077	0	0
12/31/2013	10:30 PM	76.9	77	6	ESE	30.079	0	0
12/31/2013	10:45 PM	77	76	4	ESE	30.08	0	0
12/31/2013	11:00 PM	77.3	75	6	E	30.078	0	0
12/31/2013	11:15 PM	76.9	76	5	ESE	30.078	0	0
12/31/2013	11:30 PM	77.3	76	5	ESE	30.072	0	0
12/31/2013	11:45 PM	76.9	76	4	E	30.069	0	0
1/1/2014	12:00 AM	77	78	4	E	30.068	0	0
1/1/2014	12:15 AM	76.5	79	5	ESE	30.066	0	0
1/1/2014	12:30 AM	76.3	79	4	ESE	30.065	0	0
1/1/2014	12:45 AM	76.4	80	5	ESE	30.062	0	0
1/1/2014	1:00 AM	76.1	80	6	ESE	30.062	0	0
1/1/2014	1:15 AM	76.4	80	5	ESE	30.06	0	0